THE

Board of Trade Journal.

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The Offices of the Commercial Intelligence Branch of the Board of Trade are at **73, Basinghall Street,** London, E.C.—registered telegraphic address, **"Advantage, London;"** Code, **5th Edition A.B.C.**; telephone number, **12807 Central.** A statement of the objects and work of the Branch will be found on p. 685.

Attention is directed to the **Sample Room** at the above address, the latest additions to which are the following:—

Samples.	Reference in "Board of Trade Journal." Date.	Page.
Grey Cotton Twill required by the Egyptian War Department	16th Mar., 1911	549
Cambric, to show quality of goods, for which a Warsaw firm desire an Agency	2nd " "	450
Rope (Servian and Italian) and String (Italian) sold at Adrianople	2nd Feb. "	236
Leather in small pieces, illustrating the work of a machine which is required in Poland	29th Dec., 1910	607
Turpentine, raw, Turpentine Oil, refined, and Rosin from Japanese Sakhalin (Karafuto)...	22nd Sept., "	605
Felspar from Brazil	15th " "	550
South African Maize Crop of 1910: Standard Samples ...	8th " "	504

Attention is called to the following notices:— Page.

Visit to United Kingdom of **H.M. Trade Commissioner** from **Australia** 657
Handbook of the Commercial Intelligence Branch 657
Register of British firms who may desire to receive **Confidential Information** relative to openings for trade 685
List of the **more important Articles** contained in **Foreign and Colonial Publications,** &c. received at the Commercial Intelligence Branch 683

OPENINGS FOR BRITISH TRADE.

UNITED KINGDOM.

GOVERNMENT CONTRACTS: WAR OFFICE.

Bread, Flour, Live Cattle and Dead Meat.

The Commercial Intelligence Branch of the Board of Trade is notified by the War Office that sealed tenders for military services, during six months from the 1st June, 1911, will be received until noon on the following dates:—

Meat and live cattle tenders on 24th April; bread and flour tenders on 26th April, by the General Officers commanding the undermentioned districts:—

Openings for British Trade.

UNITED KINGDOM—*continued.*

Aldershot Command ...	... ...	Aldershot.
Eastern Command,	Dover District ...	Dover.
,, ,,	Colchester District	Colchester.
,, ,,	Eastern Coast Defences	Chatham.
,, ,,	Woolwich District	Woolwich.
Irish Command,	Curragh District	Curragh.
,, ,,	Dublin District ...	Dublin.
,, ,,	Cork District ...	Cork.
,, ,,	Belfast District ...	Belfast.
London District	... ...	Horse Guards, Whitehall, S.W.
Northern Command	... ...	York.
Scottish Command	... ...	Edinburgh.
Southern Command	Salisbury Plain District.	Bulford.
,, ,,	Southern Coast Defences.	Portsmouth.
,, ,,	South Western Coast Defences.	Devonport.
Western Command	... ...	Chester.
Guernsey and Alderney District	...	Guernsey.
Jersey District	... ...	Jersey.

Forms of tender and conditions of contract may be obtained on application at the above-named Head Quarter Offices, by letter addressed to the Officer Commanding, Army Service Corps, or in person between the hours of 10 a.m. and 4 p.m.

BRITISH INDIA.

Wheels and Axles.

The Directors of the Bombay, Baroda and Central India Railway Co. are prepared to receive tenders, up to noon on 4th April, for the supply of wheels and axles. Tenders must be made on forms, copies of which, with specification, can be obtained at the offices of the Company, Gloucester House, 110, Bishopsgate, London, E.C., on payment of 21*s.* each (which will not be returned). The Directors do not bind themselves to accept the lowest or any tender.

Bridgework; Wheels and Axles.

The East Indian Railway Company is prepared to receive tenders for the supply and delivery of (1) bridgework (9 spans of 150 feet), and (2) wheels and axles for wagons; in accordance with the specifications, which may be seen at the Company's offices, Nicholas Lane, London, E.C. Tenders are to be sent to the Secretary, at the above address, marked "Tender for Bridgework," or as the case may be, not later than noon on 5th April. The Company reserves to itself the right to divide the order, also to decline any tender without assigning a reason, and does not bind itself to accept the lowest or any tender. For each specification a fee of 1*l.* 1*s.* will be charged, which will not be returned.

Openings for British Trade.

BRITISH INDIA—*continued.*

Tiles and Mosaics.

A Midlands firm are desirous of getting into communication with firms in British India who are practical fixers and designers of floor and wall treatments, with a view to interesting them in tiles and mosaics.

Communications in this connection should be addressed to the Secretary, Chamber of Commerce, Birmingham. (7,686.)

CANADA.

Leather Boots and Shoes.

H.M. Trade Commissioner for Canada (Mr. R. Grigg) has furnished the following particulars of the imports of leather boots and shoes into Canada from the United Kingdom and the United States of America respectively :—

	From	
	United Kingdom.	United States.
	Dollars.	Dollars.
1905–6 (year ended 30th June)	66,629	1,216,003
1906–7 (nine months ended 31st March)	73,547	983 356
1907–8 (year ended 31st March)	119.016	1,414,398
1908–9 (" ")	131,526	1,147,081
1909–10 (" ")	182,485	1,338,952

It will be observed that, although the imports from the United Kingdom are small compared with those from the United States, they show a tendency to increase. Mr. Grigg states that there appears to be little or no chance of competition with the Canadian product in the cheaper classes of boots and shoes, but that the rapid increase in the population and wealth of Canada promises to provide a very large market for footwear, which in the better classes of goods British manufacturers might well supply. (6,832.)

* * * *

Wire and Nail making Plant.

The Imperial Trade Correspondent at Toronto (Mr. F. W. Field) reports that a company manufacturing wire and nails intends to set up a new factory at a cost of 250,000 dollars (about 51,400*l.*). *See Note following.* (8,064.)

Water Supply Works; Hydro-Electric Plant.

A company has been formed, with a capital of 7,500,000 dollars (about 1,540,000*l.*), with the object, among other things, of establishing a water supply system and also hydro-electric works in a district in Ontario. *See Note following.* (8,047.)

Plant and Material for Sewerage Beds.

The authorities of a town in Ontario intend to establish sewerage beds with an area of 4·63 acres. *See Note following.* (8,140.)

Openings for British Trade.

CANADA—*continued.*

Electric Generating and Transmission Plant.

An electric power company are considering the question of the construction of a further power canal, and of a plant capable of generating 40,000 h.p. *See Note following.* (8,153)

Note.—Addresses to which communications might be addressed regarding each of the above matters may be obtained by British manufacturers on application to the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C.

* * * *

Gasoline Motors for Fishing Vessels, and for Agricultural and Industrial Purposes.

According to a recent report to his Government by the United States Consul at Charlottetown, Prince Edward Island, gasoline motor engines are being introduced on the fishing boats of eastern Canada, and a great extension of the use of these motors is expected. The fishing fleets of Nova Scotia, New Brunswick and Prince Edward Island consist of over 25,000 boats and about 1,400 larger vessels, of which less than 20 per cent. are at present equipped with motor engines. The engines at present most in favour are stated to be those of United States make; a number of United States manufacturers of gasoline motors maintain agencies in Prince Edward Island.

Gasoline motors are also being introduced on the farms of Nova Scotia, New Brunswick and Prince Edward Island, and in small manufacturing establishments. According to the last Dominion census, there were over 100,000 farmers in these provinces.

* * * *

Commercial Enquiries.

The following commercial enquiries have been received at the **Offices of the High Commissioner for Canada, 17, Victoria Street, London, S.W.,** whence further information regarding them may be obtained:—

HOME ENQUIRIES.

A Lancashire firm of **wholesale leather goods** manufacturers desire to get into communication with Canadian firms willing to take up their agency.

A Yorkshire firm manufacturing **billiard tables and sporting goods** of all kinds desire to open up Canadian business connections.

A Yorkshire firm manufacturing **wire and wire ropes** of every description desire to enter the Canadian market.

A London firm manufacturing **gas, steam and water tubes and fittings** desire to appoint first-class Canadian agents.

A Lancashire firm desire to appoint a sole agent in Canada for the sale of their **boiler anti-scale.**

An important and well-known London firm manufacturing **electrical insulators in stoneware and porcelain,** and also **conduits, troughing, cable racks and floor tubes, &c. for power stations** desire to get into communication with Canadian importers.

A London firm of **fountain pen** makers are desirous of opening up Canadian business.

Openings for British Trade.

CANADA—*continued.*

A firm in the Midlands are desirous of getting into communication with a Canadian firm who are practical fixers and designers of floor and wall treatments, with a view to interesting them in **tiles and mosaics.**

A company in the South of England manufacturing all classes of **rolling mill machinery, complete equipment for wire and tube mills, steam engines and general engineers' supplies** wish to get into communication with Canadian importers.

A London firm make enquiry for the names of Canadian importers of **special cattle foods, condiments,** &c.

CANADIAN ENQUIRIES.

A company at Toronto are desirous of purchasing a considerable quantity of **stearic acid,** and would like to hear from United Kingdom manufacturers.

A Montreal correspondent is desirous of securing the representation of some United Kingdom firms manufacturing the cheaper grades of **Hessians, jute goods,** &c.

A correspondent at Peterborough, Ontario, with a market for tea averaging about 2,500 lbs. per month, is desirous of getting into communication with a reliable **export tea house** in London, from whom he could purchase to advantage.

A wholesale broker and commission agent at Regina, Saskatchewan, is desirous of obtaining the representation of some United Kingdom manufacturers of **grocery and druggists' goods.**

A Vancouver company make enquiry for the name of a first-class United Kingdom manufacturer of **integrating Watt-hour meters** (light and power). Specifications can be seen at the Canadian Offices, 17, Victoria Street, S.W.

A Vancouver firm, having good connections in Western Canada from the Great Lakes to the Pacific Coast, desire to secure the representation of a United Kingdom manufacturer of **gas and electric fixtures.**

A Toronto manufacturer of sauces, &c., having travellers calling upon the grocery trade in Ontario, desires to secure the representation of United Kingdom manufacturers of **packet goods, such as spices, jams, marmalades,** &c.

A Montreal manufacturers' agent desires to obtain the agency for United Kingdom manufacturers of **gloves, hosiery, coatings, suitings and trouserings in woollen and worsted.**

Enquiry is made by a correspondent at Montreal for the names of United Kingdom manufacturers of **proofed flax canvas for horse and wagon covers, wool bunting for flags, awning ticks, hard-finished English cotton twines,** &c. requiring Canadian representation.

☞ **Note.—For further information regarding any of the above application should be made to the High Commissioner for Canada, 17 Victoria Street, London, S.W.** (7,914.)

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Openings for British Trade.

CANADA—*continued.*

The following commercial enquiries have been received at the **Canadian Government City Trade Branch, 73, Basinghall Street, London, E.C.**, whence further information regarding them may be obtained:—

HOME ENQUIRIES.

A South of England firm who make a speciality of exporting **pedigree stock** of all breeds wish to get into communication with Canadian importers.

A Liverpool firm who import **wooden handles** of all descriptions would be pleased to receive quotations from Canadian manufacturers who can fill orders.

A London firm desire the addresses of Canadian producers and shippers of **mica** who are in a position to undertake export trade.

CANADIAN ENQUIRIES.

A correspondent in Nova Scotia wishes to get into communication with United Kingdom manufacturers of the following goods desiring representation in Canada:—**Red, blue and black, and copying inks; metal, furniture, and more especially shoe polishes in paste and liquid form; shoe dressings and findings, laces, &c.; penholders and pen nibs; and writing, drawing and indelible pencils and pencil and ink erasers.**

A Vancouver firm doing business in several brands of **canned salmon** would be pleased to get into communication with United Kingdom firms buying supplies for South African and other accounts.

An Ottawa company manufacturing **washing machines, clothes wringers and tub stands** would be glad to furnish quotations to United Kingdom houses who buy such articles for the South African and other markets.

☞ **Note.—For further information regarding any of the above, application should be made to the Canadian Government City Trade Branch, 73, Basinghall Street, London, E.C.**

CANADA. BRITISH GUIANA.

Oil Mining Plant.

H.M. Trade Commissioner for Canada (Mr. R. Grigg) reports the incorporation of a company, with a capital of 10,000,000 dollars (about 2,050,000*l.*), in connection with reported discoveries of petroleum in British Guiana. The name of the company may be obtained by British firms at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (8,048.)

AUSTRALIA.

Telephone Protectors.

A report has been received from the office of H.M. Trade Commissioner for Australia stating that tenders will be received by the Deputy Postmaster-General, Melbourne, up to 3 p.m. on 16th May, for the supply of 10,000 telephone protectors (Schedule No. 479). *A deposit of* 5 *per cent. on the first* 1,000*l.*, *and of* 2½ *per cent. on the amount above that sum, will be required with each tender. Local representation is necessary.*

Openings for British Trade.

AUSTRALIA—*continued.*

For copies of the specification and form of tender, application should be made to the High Commissioner in London for the Commonwealth of Australia, 72, Victoria Street, S.W., where also preliminary deposits may be paid. A copy of the specification may be seen by British makers at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (8,050.)

Spiral Bearing Springs; Wheels and Axles.

The Commercial Intelligence Branch of the Board of Trade is notified that tenders will be received by the Chairman of the Supply and Tender Board, Adelaide, for the supply of: (1) 224 spiral bearing springs; tenders will be received up to 3 p.m. on 16th May; and (2) 120 sets of wheels and axles; tenders will be received up to 3 p.m. on 24th May.

Specifications and drawings in the case of (2) may be seen by British makers at the office of the South Australian Inspecting Engineer in London, Mr. S. A. Strickland, 85, Gracechurch Street, E.C.

Sewage Works.

The "Age" (Melbourne) of 8th February states that it has been decided by the municipalities of the Geelong district to instal a sewerage system in the near future. No definite step, however, has yet been taken in this direction. The cost is expected to reach 250,000*l.*

Boiler Anti-Scale.

A Lancashire firm desire to appoint sole agents in Australia for the sale of boiler anti-scale.

Communications in this connection should be addressed to the High Commissioner for Australia, 72, Victoria Street, London, S.W.

NEW ZEALAND.

Electric Tramway Material.

A report has been received from the office of H.M. Trade Commissioner for New Zealand to the effect that a municipal tramway Board proposes to raise a loan of 24,000*l.* for the construction and equipment of additional electric tramways. A poll of the ratepayers is shortly to be taken.

The address of the Board may be obtained by British manufacturers on application to the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (8,139.)

SOUTH AFRICA.

Dredger and Hopper Barges.

H.M. Trade Commissioner for South Africa (Mr. R. Sothern Holland) reports that tenders are invited by the South African Railways Administration for the supply of one dredger and two 200 ton hopper barges for use at the Cape Town docks. Tenders, enclosed in sealed envelopes marked "Tender for Dredger and Barges," will be received by the Secretary to the Tender Board, South African Railway Headquarter Offices, Johannesburg, up to noon on 9th May.

Openings for British Trade.

SOUTH AFRICA—*continued.*

In the event of shipment of the above stores by steamer from any port in the United Kingdom, or from a port on the continent of Europe between Bordeaux and Hamburg (both inclusive), the contractor will be obliged to ship the goods by any line or lines of steamers with which the South African Government may have made arrangements for the conveyance of Government material and stores; information with regard to this can be obtained on application to the High Commissioner in London for the Union of South Africa, 100, Victoria Street, S.W.

Copies of the conditions and specification may be obtained from the High Commissioner in London (Department of the Stores Superintendent), 100, Victoria Street, S.W. A copy of the conditions, forwarded by the Imperial Trade Correspondent at Cape Town, may be seen by British shipbuilders at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C.

(8,052-3.)

Tin Sealing Blocks; Canvas; American Duck; Twine; Sealing Wax.

H.M. Trade Commissioner also reports that tenders will be received by the Chairman of the Tender Board, Control and Audit Office, Parliament Street, Capetown, up to noon on 18th May, for the supply during the period 1st July, 1911, to 31st March, 1914, of the following:—4,500 gross of tin sealing blocks, with the wording "Union S.A." impressed thereon; 17,300 yards of various kinds of canvas; 1,000 yards of American duck; 50,000 lbs. of medium twine; 25,000 lbs. of thin twine; 90,000 lbs. of sealing wax. Samples of the goods to be supplied must be forwarded to the Controller of Stores, General Post Office, Capetown. Prices are to be quoted f.o.b. London. Delivery will be required as promptly as possible.

Copies of the form of tender may be obtained and samples inspected at the office of the High Commissioner in London for the Union of South Africa, 100, Victoria Street, Westminster, S.W. (8,049.)

Tree Guards and Wire Netting; Sanitary Fittings, &c.

H.M. Trade Commissioner further reports that tenders are invited by the Municipal Authorities at Johannesburg as follows:—

(1) Up to noon on 14th April,* for the supply and delivery of 5,000 tree guards and 10,000 yards of wire netting.

(2) Up to noon on 5th May, for the supply and delivery of fittings for an underground convenience at the corner of Market and Harrison Streets, Johannesburg.

Tenders marked "Tender for Tree Guards and Wire Netting" in the case of (1), and "Tender for Contract No. 802" in the case of (2), should be addressed to the Town Clerk, Municipal Offices, Plein Square, Johannesburg.

Copies of the specifications and conditions, together with drawings, may be seen by British makers at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C.

(8,051.)

* It will be observed that the limited time for the receipt of tenders will not allow of their being despatched by post, and this intimation will therefore only be of use to those firms having agents in South Africa whom they can instruct by cable.

Openings for British Trade.

SOUTH AFRICA—*continued.*

Steel Pipes, &c.

H.M. Trade Commissioner also states that the Matatiele Municipality have issued a call for tenders for the supply of 26,000 feet of steel pipes, with relative specials, valves, &c. in connection with a water works scheme. Tenders will be received by the Municipality up to 30th June. Tenderers should state how soon after the acceptance of the tender delivery can be effected. (6,723.)

Water Supply Works.

Mr. Holland further states that the Kokstad Municipality are inviting tenders for a loan of 14,000*l.*, to be applied to the construction of intake works, pipe lines, &c. in connection with proposed municipal water works. (8,141.)

Strong-Room Doors, &c.

The Cape of Good Hope "Official Gazette" of 28th February notifies that tenders will be received by the Controller and Auditor-General, Parliament Street, Capetown, up to noon on 31st May, for the supply of strong-room doors, &c. for the new Law Courts at that place.

Further particulars can be obtained from Messrs. Hawke and McKinlay, Capetown.

MALTA.

Stoneware Pipes and Specials.

The Commercial Intelligence Branch of the Board of Trade is notified by the Crown Agents for the Colonies that sealed tenders will be received at the Office of the Receiver-General and Director of Contracts, Valletta, up to 11 a.m. on 20th April, for the supply of stoneware pipes and specials. Tenders are to be accompanied by a deposit of 250*l.*

Particulars, specification, &c. may be obtained on application to the Crown Agents for the Colonies, Whitehall Gardens, London, S.W. (7,988.)

LEEWARD ISLANDS.

Sugar Refining Plant and Accessories.

The Canadian Trade Commissioner in Barbados (Mr. E. H. S. Flood) states, in a recent report to his Government, that arrangements have been made for the erection of a central sugar factory in St. Kitts, having an annual capacity of from 8,000 to 10,000 tons of crystals, with a capital of 130,000*l.* Building operations are expected to be begun shortly.

EGYPT.

Paper-ruling Machine; Machine for Rounding the Backs of Books.

H.M. Consul at Cairo (Mr. A. D. Alban) reports that tenders are invited by the Ministry of the Interior for the supply and erection, in the book-binding shop at the reformatory at Bulac-Dacrour, of a paper-ruling machine, and of a machine for rounding the backs of books. Tenders, made out on stamped paper

Openings for British Trade.

EGYPT—*continued.*

(obtainable from Mr. A. L. Webb, C.M.G., Queen Anne's Chambers, Broadway, Westminster, London, S.W.), and sent in sealed envelopes marked "Tender for the supply of Machines for the Reformatory," will be received by the Inspector-General of Prisons, Ministry of the Interior, Cairo, up to noon on 20th April. *A deposit of* 10 *per cent. of the value of the offer will be required with each tender. See Note below.* (7,869.)

Clothing.

H.M. Consul also reports that tenders are invited by the Egyptian Ministry of Public Instruction for the supply of 620 blue cloth jackets and trousers to the Industrial school at Bulac. Tenders, made out on stamped paper of 30 millièmes (obtainable from Mr. A. L. Webb, as above), will be received up to 29th April at the "Ecole Khédiviale d'Arts et Métiers," Bulac, Cairo. *A deposit of* £E20 (20*l.* 10*s.* 6*d.*) *will be required from each tenderer*, to be made at the Ministry of Finance, Cairo, by 27th April. Samples of the articles required may be purchased at the School. *See Note.* (7,868.)

Cloth, Serge, Drill, Canvas, Cotton Linings, Muslin, Buttons, Woollen Yarn, Calico, Braid and Leather.

The London Agent for the Egyptian War Office (Mr. A. L. Webb, C.M.G.) notifies that that Department invite tenders for the supply of cloth, serge, khaki, white and blue drill, canvas, grey cotton linings, muslin, buttons, woollen yarn, calico, braid and leather. Tender forms and all particulars may be obtained at Mr. Webb's offices, Queen Anne's Chambers, Broadway, Westminster, S.W., where tenders will be received up to 8th May, to remain open for 30 days from that date. *See Note.* (8,162.)

Note.—Copies of the specifications and conditions of tender in connection with each of the foregoing contracts can be seen by British makers at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C.

Clothing; Bedsteads and Bedding, &c.

With reference to the notice on p. 597 of the "Board of Trade Journal" of 23rd March relative to a call for tenders by the Egyptian Ministry of the Interior for the supply of clothing, bedsteads, bedding, &c. required for the police school during the year ending 30th April, 1912, the London Agent for the Egyptian War Office (Mr. A. L. Webb, C.M.G.) notifies that additional copies of the specifications in this connection may be obtained from his office (as above) on payment of 2*s.*, and stamped paper for writing tenders on payment of 8*d.* Patterns may also be seen there. Tenders will be received by the Under-Secretary of State, Ministry of the Interior, Cairo, up to noon on 15th April.

Copies of the conditions and specifications may also be obtained by British manufacturers on application to the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C.

(7,901.)

Openings for British Trade.

RUSSIA.

Ice-Breaker.

With reference to the notice on p. 396 of the "Board of Trade Journal" of 23rd February relative to the proposed purchase of ice-breakers for certain Russian ports, H.M. Commercial Attaché for Russia (Mr. H. Cooke) now reports that the port authorities of Nicolaieff are about to apply for a new ice-breaker with engines of 4,000 indicated horse-power. (7,970.)

Harbour Works, and Plant therefor.

H.M. Commercial Attaché also reports that a Bill has recently been introduced into the Duma by the Minister of Commerce for the authorisation of works for the extension and improvement of the port of St. Petersburg, at an estimated cost of 12,650,000 roubles, about 1,335,000*l.*, (see previous notice on p. 285 of the "Board of Trade Journal" of 9th February). (7,970.)

Details respecting this proposal may be seen by British contractors at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E,C. (C. 890.)

Steamships.

The official "Commercial and Industrial Gazette" (St. Petersburg) of 16th March states that, in view of the forthcoming conclusion by the Russian Trading and Navigation Company of an agreement with the Russian Government for the maintenance of regular steamship services, the Company intends to order from foreign shipbuilding yards 20 fast vessels of the latest type of construction for postal, passenger and freight work. (7,797.)

Chemical Laboratory Equipment.

The "Official Messenger" of 19th March states that a proposal has been submitted to the Council of Ministers relative to the allocation of a credit of 546,300 roubles (about 58,000*l.*) for the establishment at St. Petersburg of a Government chemical laboratory. The laboratory will be devoted to analytical experiments, and to the official testing of chemicals and drugs.

NORWAY.

Tar Oil.

H.M. Consul at Christiania (Mr. E. F. Gray) reports that tenders* are invited by the Norwegian State Railways Administration for the supply and delivery free on rail Christiania of about 850 tons of tar oil. Tenders, marked "Anbud paa leveranse av tjæreolje," and accompanied by samples, will be received at "Distriktsingeniörens Kontor, Ostbanestationen," Christiania, up to 3 p.m. on 7th April.

A copy of the conditions of tender, &c. (in Norwegian) may be seen by British makers at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (7,867.)

* It should be noted that in all Norwegian Government contracts a preference (apart from Customs duties) is given to Norwegian manufacturers, and that it is obligatory that a resident agent (not necessarily a Norwegian firm) should act for tenderers not residing in Norway.

Openings for British Trade.

NORWAY—*continued.*

Railway Material and Tools.

H.M. Consul also reports that tenders* are invited for the supply and delivery free on rail Otta of various materials and tools for the Otta-Domaas railway and the southern portion of the Dovre railway. The contract includes the supply of *boring steel; mattocks; crab crunes; Decauville rails, dogs, screws, fishplates, axles and wheels; various hammers; spades, wheelbarrow wheels,* &c. Sealed tenders, marked "Materialier og redskaper," will be received at "Overingeniörens kontor," Domaas, up to 7 p.m. on 11th April. Tenders must state whether the goods are of Norwegian make or not, and should be accompanied by drawings, models, or samples, the trade mark being stated in the case of iron and steel goods. Samples too large to be sent by post must be forwarded by rail to Otta station not later than 8th April. (8,208.)

Telegraph Wire, Cable, &c.

H.M. Consul further reports that tenders* are invited by the Norwegian State Telegraph Authorities for the supply of *iron wire, bronze wire, current wire, steel wire cable, morse paper and soldering tin.* Sealed tenders, marked "Anbud paa ——," will be received at "Telegrafstyrelsen, Rigstelegrafens Kontor," Christiania, up to noon on 10th April.

A copy of the specification and form of tender (in Norwegian) may be seen by British makers at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (8,207.)

SWEDEN.

Cement making Plant.

The British Vice-Consul at Wisby (Mr. E. Cramer) reports that a new cement company has been formed, with a capital of about 100,000*l.*, to establish a factory capable of producing 250,000 barrels of cement per annum.

The name and address of the company may be obtained by British manufacturers on application to the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (7,794.)

GERMANY.

Ironwork.

The British Vice-Consul at Leipzig (Mr. R. Turner) reports that tenders are invited for the supply of 310 metric tons of "profil" iron for the platform and tunnel works of the Central Station at Leipzig. Delivery will be required of about 30 tons in three weeks after the adjudication, and of 280 tons from June to December. Sealed tenders will be received up to 11.30 a.m. on 6th April at the "Königliches Eisenbahn-Betriebsamt 2 (Bauabt.)" Leipzig.

A copy of the specification and conditions (in German) may be seen by British makers at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (8,329.)

* See note on preceding page.

Openings for British Trade.

NETHERLANDS.

Building and Furnishing Material.

The "Nieuwe Rotterdamsche Courant" of 24th March notifies that a Bill has been presented to the Dutch Legislature having for its object the erection of a new Colonial Institute at Amsterdam. The cost of building is estimated at 252,000 gulden (21,000*l.*), and about one-third of this amount is to be provided by an increase in the budget of the Netherlands East Indies for 1911.

BELGIUM.

School Furniture.

H.M. Consul-General at Antwerp (Sir E. C. Hertslet) reports that tenders are invited by the municipal authorities of that city for the supply of school furniture to the schools in the Rue du Retranchement and in the Rue de la Citadelle. The estimated value of the contract is 56,533 frs. (about 2,260*l.*), and *a deposit of* 4,250 *frs.* (170*l.*) *will be required with each tender.* Tenders must be sent in sealed envelopes to the Burgomaster, Hôtel-de-Ville, Antwerp, to arrive not later than 13th April.

The *cahier des charges* may be obtained (price 1 fr.) at the Hôtel-de-Ville, Antwerp. A copy may be seen by British furniture makers at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (7,965.)

FRANCE.

Machinery and Plant for Locomotive Works and Iron Foundries.

The Berlin "Börsen Zeitung" of 15th March states that several important projects are on foot for the establishment of more engineering works in France, in order to cope with the home demand for locomotives. The "Ateliers du Nord de la France" have, in combination with the "Société Corraine de Dietrich," begun the erection of locomotive works at Blanc-Misseron. Similar works are to be built at Mauberge by the "Société Métallurgique du Hainaut," and a third at Jeumont with the aid of French and Belgian capital. It appears also that a large iron foundry is to be built at Pont-à-Vendin (Pas-de-Calais), under the joint control of the "Société des Mines Houillères de Lens" and the "Association des Fonderies de Commentry-Fourchambault." The proprietors expect to produce 300,000 metric tons of pig-iron annually, and for this purpose a capital of 40,000,000 francs (1,600,000*l.*) will be required.

SPAIN.

Railway Material.

The "Gaceta de Madrid" of 16th March notifies that Don José Carbonell has applied to the "Ministerio de Fomento," Madrid, for a concession for the construction and working of a secondary railway from Alicante to Villajoyosa. The cost of the work is assessed at 5,667,000 pesetas (about 210,000*l.*), and the concessionaire will receive a State subsidy.

Openings for British Trade.

SPAIN—*continued.*

Railway Material.

The "Gaceta" of 19th March notifies that an application has been lodged with the "Ministerio de Fomento" by the "Sociedad de Estudios del Ferrocarril de Villaodrid—Villafranca del Vierza" for the construction and working of a secondary railway from Villaodrid to Villafranca del Vierza.

Bridge Work.

The "Gaceta" of 22nd March notifies that tenders will be opened on 17th June at the "Dirección General de Obras Públicas, Ministerio de Fomento," Madrid, for the construction of a bridge across the Guadiana river, on the road from Serena to Guadalupe (Badajoz). *A deposit of* 5,000 *pesetas* (*about* 185*l.*) *will be required to qualify tenders. Estimates must be made out in Spanish, and plans must be approved by a duly qualified Spanish engineer. Local representation is necessary.*

The "Gaceta," containing further particulars, may be seen by British bridge-builders at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C.

Railway Material.

The same issue of the "Gaceta" contains a notice granting to the Compañia Ibérica de Superfosfatos, Malaga, a concession for the construction and working of a branch line to connect the Company's works with the Andalusian railways.

Bridge Work.

The "Gaceta" of 24th March announces that tenders will be opened on 17th June at the "Dirección General de Obras Públicas, Ministerio de Fomento," Madrid, for the construction of two bridges across the rivers Jerte and Alagón on the road from Plasencia to La Alberca (Cáceres). *Tenders must be made out in Spanish. A deposit of* 5,000 *pesetas* (*about* 185*l.*) *will be required to qualify tenders. Local representation is necessary.*

ITALY.

Galvanised Wrought Iron Bars and Sheets.

The British Vice-Consul at Spezia (Mr. H. C. Ricardo) reports that tenders will be received, up to 20th April, at the Royal Arsenal at Spezia for the supply, to the Italian Naval Authorities, of (1) galvanised wrought iron sheets and (2) galvanised wrought iron bars. The total estimated value of the contract is about 30,000 lire (1,200*l.*); a deposit of 2,000 lire (80*l.*) will be required to qualify tenders for (1), and a deposit of 1,000 lire (40*l.*) for (2).

The Vice-Consul adds that he understands that in contracts with the Naval Authorities for iron goods covered with zinc, the goods have to be sent to the Naval Authorities before being zinced in order to undergo the required tests, and must be zinced after having passed these. This, he remarks, obviously makes it necessary that the galvanising shall be done in Italy.

A copy of the specifications and conditions (in Italian) may be seen by British makers at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (8,083.)

Openings for British Trade.

ITALY—*continued.*

Cotton Gauze, Lint, &c.

The "Gazzetta Ufficiale" (Rome) of 20th March contains notices to the effect that tenders will be opened on 22nd April by the "Signor Direttore della Farmacia Centrale Militare, Corso Siccardi No. 11," Turin, for the supply of a large quantity of *cotton gauze, lint and other material for surgical bandages.*

Local representation is necessary.

Wellington Boots, Jerseys, Cloth for Underclothing.

The "Gazzetta" of 23rd March notifies that tenders will be opened on 10th April by the "Direzione di Commissariato Militare del X Corpo d'Armata," Naples, "Direzione di Commissariato Militare del VIII Corpo d'Armata," Florence, and by the "Direzione di Commissariato Militare del I Corpo d'Armata," Turin, for the supply of a large quantity of Wellington boots, jerseys, cloth for military underclothing, &c.

Local representation is necessary.

Railway Material.

The same issue of the "Gazzetta" contains a decree granting to the "Società Italiana per le Strade Ferrate del Mediterraneo," Milan, a 70 years' concession for the construction and working of about 800 miles of narrow gauge railway in Basilicata and Calabria. The cost of construction of the above lines, excepting some 40 miles which will be arranged for separately, is put at 237,046,475 lire (about 9,482,000*l.*) and the cost of the initial rolling stock at 16,525,000 lire (661,000*l.*). The concessionaires will receive State subsidies.

AUSTRIA-HUNGARY.

Iron Foundry and Rolling Mill Plant and Accessories.

The "Oesterreichischer Zentral-Anzeiger" (Vienna) of 16th March notifies that, at a recent meeting of the Alpine Montangesellschaft at Vienna, a project was discussed for extensive enlargements of the Company's iron foundries, at a cost of some 20,000,000 kronen (about 833,000*l.*). The Company intends to increase the output of pig iron to about 750,000 metric tons, and the output of steel to about 500,000 metric tons per annum. The rolling mills are also to be enlarged in due proportion.

Electric Lighting Plant; Electric Tramway Material.

The same issue of the "Anzeiger" states that, under the name of the "Oesterreichische Elektricitäts-Lieferungs-Actiengesellschaft," a company has been formed at Vienna, with a capital of 2,500,000 kronen (about 104,000*l.*), for the purpose, *inter alia*, of carrying out electric lighting installations and of constructing electric tramways.

Bridge Work.

The "Anzeiger" of 23rd March notifies that a project is on foot for the erection of a bridge across the Salzach, in Salzburg. The cost of the undertaking is estimated at 1,000,000 kronen (about 42,000*l.*).

Openings for British Trade.

BULGARIA.

Harbour Works, Railway Construction and Plant, &c.; Rolling Stock.

H.M. Legation at Sofia report that among the principal items of expenditure contemplated in the Bulgarian Extraordinary Budget for 1911 are the following:—

Harbours.—Port works at Varna, 62,000*l.*; Bourgas, 16,000*l.*; Rustchuk, 25,000*l.*; Svistov, 16,000*l.*; Widdin, 5,000*l.*; Lom Palanka, 6,000*l.*; landing stage at Euxinograd, 1,000*l.*

Railways.—Construction of Radomir–Kustendil line, 8,000*l.*; Tirnovo–Trevna–Borouchitza line, 44,000*l.*; Borouchitza–Stara–Zagora line, 120,000*l.*; Levski–Svistov line, 8,000*l.*; Devna–Dobritch line, 20,000*l.*; Mezdra-Vratza–Widdin line, 240,000*l.*; Radomir-Dubnitza line, 100,000*l.* (see notice on next page); Philippopolis–Tchirpan line, 8,000*l.* Buildings, 6,000*l.*; bridges, 5,000*l.*; repairing shops, 8,000*l.*; water supply, 4,000*l.*; Bourgas railway station, 4,000*l.*; Varna railway station, 8,000*l.*; warehouse and shed at Sofia, 10,000*l.*; repairs to the permanent way of the South Bulgarian lines, 40,000*l.*; tools, 4,000*l.*; rolling-stock, 120,000*l.*

A good many of the contracts necessitated by this programme will be put up to public tender. H.M. Legation add that any British firms inclined to make a serious effort to compete for Bulgarian railway or port contracts would do well to send out a competent representative to study local conditions and get into touch with the authorities before tenders are invited. (5,255.)

Rails, Accessories, and Points and Crossings.

H.M. Legation at Sofia also report that tenders are invited by the Bulgarian State Railway Authorities for the supply of about 1,157 metric tons of steel rails and 400 tons of accessories, and 60 complete sets of points and crossings. The upset price of the rails is 145 lei (5*l.* 16*s.*) per metric ton, and of the sets of points and crossings 1,500 lei (60*l.*) each; the total upset price is 336,772 lei (about 13,470*l.*). Tenders, in sealed envelopes, will be received at the "Direction Générale des Chemins de Fer de l'Etat Bulgare," Sofia, up to 3 p.m. on 13th/26th April.

Only manufacturers may compete. A manufacturer who has not previously supplied material of the kind in question to the Bulgarian State Railways must send with his tender a declaration by the authorities of a railway that he has executed to their satisfaction a contract for the supply to them of such goods. *Local representation is practically necessary.*

A copy of the conditions of tender, &c. (in French) and plans may be seen by British manufacturers at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (8,017.)

Railway Construction.

With reference to the notice on page 602 of the "Board of Trade Journal" of 23rd March relative to a call for tenders for the construction of about 26 miles of railway from Radomir to Dubnitza, H.M. Vice-

Openings for British Trade.

BULGARIA—*continued.*

Consul at Sofia (Mr. W. B. Heard) has now forwarded copies of the conditions of tender and specifications in this connection. Tenders, marked "Offre pour la construction de la ligne de chemin de fer Radomir-Dubnitza," will be received at the "Direction Générale des Constructions des Chemins de Fer et des Ports, Ministre des Travaux Publics, Voies et Communications," Sofia, up to 10 a.m. on 1st May. *A deposit of* 250,000 lei (10,000*l.*) *will be required to qualify tenders.* Plans and specifications may be obtained from the foregoing address on payment of 50 lei (2*l.*).

A copy of the specification and conditions (in French), together with plans *when received*, may be seen by British contractors at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C.

It should be noted that local representation is practically necessary in tendering for Bulgarian public works. (8,238.)

SERVIA.

Cotton Yarn.

H.M. Acting Vice-Consul at Belgrade reports that an agent at that place desires to represent a British manufacturer of cotton yarn. The name and address of the agent in question may be obtained by British manufacturers on application to the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C.

H.M. Acting Vice-Consul states that in the course of the last year there has been a great increase in the imports of Italian cotton yarn, to the detriment of the British trade. (6,345.)

GREECE.

Competition of Plans for Courts of Justice.

With reference to the notice on p. 290 of the "Board of Trade Journal" of 9th February relative to an international competition of plans and designs for new Courts of Justice at Athens, H.M. Minister at Athens now reports the publication of an official notice to the effect that the detailed statements of prices required by paragraphs 7, 8, and 9 of Article 8 of the original notice will not be regarded as obligatory, and that competitors therefore need not present them. Projects, *accompanied with the sum of* 200 *drachmæ* (8*l.*), will be received at the "Section d'Architecture, Service Central des Travaux Publics, Ministère de l'Intérieur," Athens, up to 12th/25th September.

Further particulars of the competition (in French), as well as a plan of the ground on which the Courts are to be built, may be seen by British architects at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (7,807.)

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TURKEY.

Electric Power and Tramway Concessions.

Adverting to the notice on p. 361 of the "Board of Trade Journal" of 24th November relative to public works at Jerusalem, including electric tramways and electric lighting installations, H.M. Consul-General at Constantinople (Mr. H. C. A. Eyres) reports that tenders are invited by the Turkish Ministry of Public Works, Constantinople, for a concession for the public distribution of electrical energy and for electric tramways in the town of Jerusalem and its suburbs. *A deposit of* £T2,000 (1,800*l.*) *is required with each tender,* and the tenderer must also supply proof of his financial and technical ability to perform the work. Tenders, in sealed envelopes, marked "Ministère Impérial Ottoman des Travaux Publics: Adjudication de la concession de la distribution publique d'énergie et des tramways électriques de Jérusalem," will be received at the Ministry up to 2 p.m. on 1st/14th June. *See Note below.*

H.M. Consul-General also reports that the adjudications for the concessions of electric tramway systems at Adrianople and Adana (see "Board of Trade Journal" of 8th December, p. 468, and 15th December, p. 516) have both been postponed until 2nd May.

NOTE.—*Local representation is essential in the case of Turkish Government contracts.* A list of British commission agents established in Constantinople may be obtained, and a copy of the specification (in French) relating to the Jerusalem contract seen, by British contractors at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (8,239.)

Leather; Rubber-Covered Electric Cables, &c.

H.M. Consul-General at Constantinople further reports that tenders are invited by the Turkish Ministry of War, Constantinople, as follows:—

(1) Up to 11th April, for the supply of 50,000 kilogs. of European leather. For further particulars application should be made to the "Commission des Achats, Ministère de la Guerre," Constantinople.

(2) Up to 12th April, for the supply of rubber-covered electric cables, &c. For further particulars application should be made to the "Inspection générale des Services Techniques et des Place Fortifiées, Ministère de la Guerre," Constantinople.

See Note above. (8,178.)

Stationery and Writing Materials.

Tenders are invited by the Ministry of Finance, Constantinople, for the supply during one year of stationery and writing materials required. The final adjudication will be held on 4th April. *A deposit of* £T 100 (90*l.*) *is required with each tender. See Note above.* (7,964.)

Openings for British Trade.

MOROCCO.

Material and Plant for Road Construction.

H.M. Acting Consul-General at Tangier (Mr. E. Bristow) reports that the contract for the construction of a road between Bab Marrakesh and the Piste d'Azemmour at Casablanca (see "Board of Trade Journal" of 22nd December last, p. 564) has been awarded to Signor Vincenzo Macchi, an Italian subject residing at Casablanca, at an abatement of 8½ per cent. on the estimated cost. (7,960.)

GUATEMALA.

The following information is from the report by H.M. Vice-Consul at Guatemala (Mr. G. D. N. Haggard) on the trade of that country in 1909, which will shortly be issued:—

Furniture.

Furniture of mahogany, cedar, walnut, &c. of local manufacture is well made and inexpensive, but it is confined to bulky or heavy articles, such as tables, dressing tables, shelves and so on, upon which if imported the freight and import duties would be high. The choice of furniture is extremely limited, and it is only quite recently that a large furniture store has at length been established. Here, among other things, brass bedsteads may for the first time be obtained in Guatemala, but at a price of 13*l.* or 14*l.* each, three-quarter size; iron bedsteads of the same size are sold at 7*l.* 10*s.* Both are supplied with spring mattresses of by no means superior quality. In such articles as carpets, stair rods, window-blinds, lace curtains—necessaries to the moderately well-furnished house—the choice is limited and the price high. Doormats and feather pillows, to quote only two articles of many such, are unobtainable. Mattresses of indifferent make are produced locally at 4*l.* 10*s.* each for beds of three-quarter size. Under the Guatemalan tariff system duties are mainly levied on weight, and hence the lightest furniture is mostly imported; for this reason rattan and bamboo suites are a good deal in evidence. (See also p. 658).

Haberdashery and Hosiery.

Such haberdashery and hosiery as can be bought is very dear. There might be a good opening, as there is a real demand, for ties, socks, pyjamas, &c. of the cheaper descriptions and not too quiet colours, as Central American taste in dress leans to rather florid colour and style.

Ladies' Wearing Apparel.

A not unremunerative business is carried on by certain ladies in Guatemala who retail gowns, petticoats, veils, parasols, hats, gloves and other articles of feminine apparel, which they purchase periodically in Europe, being of course well acquainted with the styles most likely to have a sale among their friends. The upper classes in Guatemala devote no little thought and outlay to dress, and have a preference for gay costumes, for which they are quite ready to pay well. Such a trade must of necessity be small, but it is capable of increase in

Openings for British Trade.

competent hands, while the local dressmakers have little knowledge or skill. There is no good foreign dressmaker at Guatemala, and the costumes purchasable in the shops are mainly remnants bought in Europe at a low price on account of their being out of fashion.

CHILE.

Harbour Works.

With reference to the notice on p. 260 of the "Board of Trade Journal" of 10th November last, relative to a Chilean law providing for the improvement of the harbours of Valparaiso and San Antonio, attention is called to a notice now received by the Board of Trade from the Chilean Legation in London, to the effect that tenders are invited and will be opened at Santiago de Chile, on 22nd July next, for the execution of the works indicated. The estimated cost of the Valparaiso works is 2,222,000*l.*, and of the San Antonio works, 783,000*l.*

Specifications, &c. can be seen by contracting firms at Santiago de Chile. Copies will also shortly be available for inspection at the Chilean Legation, 4, Gloucester Mansions, Harrington Gardens, London, S.W. (C. 2696.)

BRAZIL.

Lighthouse Material and Optical Appliances.

The "Diario Official" of 4th March notifies that tenders will be received and opened on 27th April by the "Senhor Vice-Almirante Superintendente de Navegação, Ministerio da Marinha, rua de D. Manoel No. 15," Rio de Janeiro, for the supply of two lighthouses, viz., one for the entrance to the Bay of the Ilha Grande (State of Rio), and another for the S. Matheus Bar (State of Espirito Santo). Tenders must include prices (in Brazilian currency) c.i.f. at the port of destination, but excluding customs charges. *Firms must include with their specifications documents certifying that they are competent to manufacture the material required. Local representation is necessary.*

The "Diario," containing further particulars, may be seen by British manufacturers at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C.

CHINA.

Railway Construction and Material.

See notice on p. 673.

BRITISH TRADE WITH AUSTRALIA.

Visit to the United Kingdom of H.M. Trade Commissioner.

Mr. C. Hamilton Wickes, His Majesty's Trade Commissioner in Australia, whose temporary return to this country has been the subject of recent notices in the "Board of Trade Journal," has now arrived in London.

As has been stated, the Commissioner has come to this country with a view to visiting the principal industrial centres of the United Kingdom and giving to British manufacturers and merchants an opportunity of consulting him with regard to trade conditions and openings in the Commonwealth.

Before proceeding to visit the Chambers of Commerce, Mr. Wickes may be seen by appointment at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C., up to 12th April, and British manufacturers and merchants who may desire an interview with him are requested to apply to the Director of the Branch, as soon as possible, for an appointment.

HANDBOOK OF THE COMMERCIAL INTELLIGENCE BRANCH OF THE BOARD OF TRADE.

The Board of Trade have issued a new edition of the Handbook to their Commercial Intelligence Branch, the first edition of which was published in December, 1906.

The Handbook explains the object for which the Commercial Intelligence Branch was originally formed, and enumerates, under general headings, the subjects on which the Branch is prepared to supply information to British manufacturers and traders, on enquiry, either personally or by letter. Particulars will be found in it of the sundry samples on view at the Branch, of manufactured articles and raw products likely to be of interest to British manufacturers. It also contains lists of the principal official returns, trade directories, &c. which may be consulted at the Branch; and lists of the British Chambers of Commerce established in foreign countries, and of the Colonial Trade Enquiry Offices in the United Kingdom.

The Handbook further contains a statement as to the duties of the Trade Commissioners appointed by the Board of Trade, in Canada, Australia, New Zealand, and the Union of South Africa, and a list of the local Trade Correspondents in British Colonies, together with information as to the work of His Majesty's Commercial Attachés and Consular Officers and their relation to the Branch.

Attention is particularly directed to the system which has been adopted for supplying confidential information* (chiefly as to openings abroad for British trade) to firms whose names are inscribed in a "Special Register" kept in the Commercial Intelligence Branch. Information of the nature referred to is circulated to firms on the Register as received, but the Branch is always prepared to deal with applications from firms for specific information in the interests of British trade, whether the applicants' names are enrolled on the Register referred to or not.

Copies of the Handbook may be purchased, price 2*d.*, from Messrs. Wyman & Sons, Ltd., Fetter Lane, London, E.C.; or Messrs. Oliver & Boyd, Tweeddale Court, Edinburgh; or Messrs. E. Ponsonby, Ltd., 116, Grafton Street, Dublin.

* See p. 685.

BRITISH TRADE ABROAD.

Guatemala.—The following information is from the report by H.M. Vice-Consul at Guatemala (Mr. G. D. N. Haggard) on the trade of that country in 1909, which will shortly be issued :—

As import duties in Guatemala are levied principally on the gross weight, *or* the weight including weight of immediate packages, wrappers, &c. in which the goods are put up, but not the weight of the outside case, packing should be made as light as possible. British firms are sometimes said to fail to give sufficient importance to this point; the result being that higher prices must be asked by the local importer to make up for the heavy duties, and that consequently the goods are sold with difficulty and the order is not repeated. One local milliner has recourse to the expedient of importing his goods in trunks, which are sold on their arrival. The trunks only pay duty as trunks.

AGRICULTURAL RESOURCES OF UELE DISTRICT (CONGO STATE).

The British Acting Consul at Boma (Mr. J. P. Armstrong) has furnished the following information regarding the Uele District, in the north-east of the Congo State, in which he recently made a tour :—

The Uele District is divided into four zones, the Rubi, the Uere-Bili, the Bomakandi and the Gurba-Dungu. Of these four zones the Rubi and the Bomakandi are the richest in rubber, while all the northern part of the latter is non-rubber bearing. The Rubi zone consists wholly of dense equatorial forest; while the Bomakandi is forest intersected with grass plains, the south-western parts forming the fringe of the great forests of the Aruwimi, Ituri and Itimbiri basins. The Uere-Bili is chiefly grass plain, with strips of rubber-bearing forests along the numerous watercourses intersecting the country. The Gurba-Dungu zone has few resources.

With the exception of the Gurba-Dungu zone, the soil in the Uele district is exceptionally rich. Besides the ordinary African food, such as bananas, plantains, manioc, palm oil, &c., maize, rice, pea-nuts, millet, sorghum, potatoes, sesame oil, &c. grow in abundance. The quality of the maize where the seed is carefully selected is said to be as good as that of the best American grain. The plains in areas where there is no tse-tse fly afford good grazing lands for cattle.

(C. 2,285.)

JUTE INDUSTRY OF BRITISH INDIA.

The following information has been received at the Board of Trade, through the India Office, relative to the Indian jute industry, of which it is stated that the record is one of uninterrupted progress.

In the following statements quinquennial averages are given from the earliest year for which complete information is available, the figures in brackets representing the variations for each period, taking the average of the quinquennium from 1879-80 to 1883-4 as 100 :—

Jute Industry of British India.

—	Mills at work.	Nominal Capital.	Persons employed.	Looms.	Spindles.
	No.	Lakhs of Rs.	1,000's.	1,000's.	1,000's.
1879-80 to 1883-4... ...	21 (*100*)	270·7 (*100*)	38·8 (*100*)	5·5 (*100*)	88·0 (*100*)
1884-5 to 1888-9	24 (*114*)	341·6 (*126*)	52·7 (*136*)	7·0 (*127*)	138·4 (*157*)
1889-90 to 1893-4... ...	26 (*124*)	402·6 (*149*)	64·3 (*166*)	8·3 (*151*)	172·6 (*196*)
1894-5 to 1898-9	31 (*148*)	522·1 (*193*)	86·7 (*223*)	11·7 (*213*)	244·8 (*278*)
1899-1900 to 1903-4 ...	36 (*171*)	680·0 (*251*)	114·2 (*294*)	16·2 (*295*)	334·6 (*380*)
1904-5 to 1908-9	46 (*219*)	960 (*355*)	165 (*425*)	24·8 (*451*)	510·5 (*580*)
1909-10	60 (*286*)	1,151 (*425*)	204·1 (*526*)	31·4 (*571*)	645·9 (*734*)

It will be seen that the number of looms and spindles in operation has increased to a very much larger extent than either the number of mills at work or the amount of nominal capital employed; but the production of the mills has increased to a still greater extent.

The following figures show the quantities and the declared values of the exports of jute manufactures for the same periods:—

—	Gunny bags.	Gunny cloths.	Total Value.
	Millions.	Millions of yards.	Lakhs of Rs.
1879-80 to 1883-4	54·9 (*100*)	4·4 (*100*)	124·9 (*100*)
1884-5 to 1888-9	77·0 (*140*)	15·4 (*350*)	162·9 (*130*)
1889-90 to 1893-4	111·5 (*203*)	41·0 (*932*)	289·3 (*232*)
1894-5 to 1898-9	171·2 (*312*)	182·0 (*4,136*)	518·0 (*415*)
1899-1900 to 1903-4	205·5 (*376*)	427·2 (*9,709*)	826·5 (*662*)
1904-5 to 1908-9	257·8 (*469*)	698·0 (*15,864*)	1,442·7 (*1,154*)
1909-10	364·4 (*664*)	940·1 (*21,366*)	1,709·6 (*1,369*)

NOTE.—Lakh = 100,000 rupees = 6,666*l*.

The combined value of gunny bags and gunny cloth exported by sea in 1909-10 is nearly fourteen times as great as the average value of the exports in the period 1879-80 to 1883-4.

The exports of raw jute have increased more slowly, and in 1909-10 there was a slight decrease as compared with the preceding quinquennial period. The following figures show the quantities exported in each quinquennial period:—

—	Raw Jute.
	Million cwts.
1879-80 to 1883-4	7·50 (*100*)
1884-5 to 1888-9	8·90 (*119*)
1889-90 to 1893-4	10·00 (*133*)
1894-5 to 1898-9	12·30 (*164*)
1899-1900 to 1903-4	12·70 (*169*)
1904-5 to 1908-9	15·09 (*201*)
1909-10	14·6 (*195*)

The price of raw jute has risen considerably in this period. In 1906-7 it reached Rs. 65 per bale, but there was a marked fall to Rs. 42 in 1907-8, which continued in 1908-9 and 1909-10. The following are the quinquennial average prices per bale (400 lbs.) of ordinary jute, calculated from the price current published by the Bengal Chamber of Commerce, and of gunny cloth:—

Jute Industry of British India.

—	Average price of Jute, ordinary, per bale of 400 lbs.				Average price of Hessian Cloth 10½ oz. 40″ per 100 yds.			
	Rs.	a.	p.		Rs.	a.	p.	
1879-80 to 1883-4	23	8	0	(*100*)	10	7	11	(*100*)
1884-5 to 1888-9	23	3	2	(*99*)	8	0	7	(77)
1889-90 to 1893-4	32	6	5	(*138*)	10	6	6	(*99*)
1894-5 to 1898-9	30	12	0	(*131*)	9	11	8	(*93*)
1899-1900 to 1903-4	32	1	7	(*137*)	10	2	10	(*97*)
1904-5 to 1908-9	44	13	6	(*191*)	11	14	1	(*112*)
1909-10	31	0	0	(*132*)	9	3	6	(*88*)

Rupee = 16 annas = 1*s.* 4*d.*; Anna = 12 pice = 1*d.*

USE OF MOTOR ENGINES FOR HAULAGE IN MINES IN AUSTRIA, PRUSSIA, BELGIUM, AND THE NETHERLANDS.

The following information as to the use of motor engines for haulage in mines in Austria, Prussia, Belgium, and the Netherlands has been received from H.M. Representatives at Vienna, Berlin, Brussels and The Hague:—

Austria.—In Austrian mines, including State mines, horses or ponies are now little used for purposes of haulage. In most mines internal combustion (benzine) motors are principally employed, especially in the shorter and crooked passages: in long straight passages rope tractors are used. In mines, however, where there is much fire damp, compressed air motors are being introduced.

In coal and mineral mines owned by the State, internal combustion motors have been used for haulage for the last ten years. The authorities are satisfied with their working, and the number of kiloms. run has been very largely increased. No explosions of fire damp have been caused by their use. In those parts of coal mines where fire damp is present, they are only allowed under certain restrictions. (4,327; 6,236.)

Prussia.—Internal combustion motors are not used in the Prussian mines. (6,632.)

Belgium.—As a general rule the extensive sub-division of mining properties and the irregularity of the Belgian coal measures render Belgian coal-mines ill adapted for the installation of locomotive transport for subterranean work.

During the last two years, however, twelve colliery companies have obtained permission to introduce benzine locomotives into their mines as an experiment. The introduction of these engines is too recent to admit of a definite decision being given as to their use. It is sufficient to mention that many companies, after having introduced these experimental locomotives in one of their mines, have later sought permission to introduce them into other mines.

The use of these locomotives is never authorised in mines of the 3rd class, *i.e.* in mines where fire-damp is liable to escape suddenly; many however are working in mines of the 1st and 2nd class where fire-damp is present, but they are used exclusively in the principal air galleries. These locomotives have never yet caused any explosion

Use of Motor Engines for Haulage in Mines in Austria, Prussia, Belgium and the Netherlands.

or other accident. The conditions under which permission is accorded for their use are very stringent. It is also to be noted that these permits are only granted temporarily, and on condition that they may be revoked at any time if the Inspectors of Mines consider the use of the locomotives undesirable.

There are only two unimportant metalliferous mines in Belgium, and in these the problem of subterranean transport has not presented itself. (2,276.)

Netherlands.—Motor locomotives were used for the first time in the Netherlands coal mines in the year 1907, benzine being the only fuel used. Since then the number of motor locomotives in use has increased considerably, but the type of benzine locomotives has been adhered to. At present, out of the six mines working, transport in the main galleries in four of them is almost exclusively carried on by means of benzine locomotives. At present in the four Netherlands mines in question there are the following engines:—1 of 16 h.p., 7 of 12 h.p., 5 of 10 h.p., 3 of 8 h.p. The managers of the mines are entirely satisfied with the results of the use of benzine locomotives for transport, and are of the opinion that a considerable saving has been effected thereby. The number of locomotives is therefore shortly to be increased. The number of mining cars containing 500 kilogs. that these locomotives can draw depends upon the gradients existing in the main galleries; but it amounts in the case of locomotives of 12 h.p., in a mine where the gradient is small, to 66 cars.

From the point of view of safety of transport with benzine locomotives it must be stated that the section of the galleries in which such traffic takes place should allow sufficient free space. It has sometimes occurred, owing to a car becoming derailed and thus knocking over a wooden prop, that considerable falls, and consequently serious accidents, have happened. In cases where it is difficult to increase the section of the galleries, this danger has been successfully avoided by placing iron plates on the wooden props, so that the wagons when derailed glide off them, but do not knock them over. Finally, it is of importance that, in the places where benzine locomotives are used, there should be sufficient ventilation, as otherwise combustion products which are dangerous to health may accumulate. (1,526.)

In connection with the above, the following documents may be seen by British manufacturers of motors at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C.:—

(*a*) Publications (in German)* containing the general official regulations for the use of motors in the State mines of Austria, and the instructions given to drivers of motors.

(*b*) Form of permit (in French) for the use of benzine motors in Belgian mines.

(*c*) Copy of the regulations (in Dutch) issued by the Netherlands Chief Engineer of Mines as to traffic with internal combustion motors.

* These documents will be available in a few days.

PROPOSED TARIFF CHANGES.

ARGENTINE REPUBLIC.

Proposed New Valuation Tariff.

The Board of Trade are in receipt, through the Foreign Office, of copy of a proposed New Argentine Customs Valuation Tariff which has been drawn up by a Commission appointed by the Argentine Minister of Finance. The Commission propose various amendments of the text of the existing Valuation Tariff with the object of securing greater precision and clearness, and some modifications of the valuations assigned to the various articles in the present Valuation Tariff. A few alterations of the *rates of duty* established by the Tariff Law of December, 1905, are also proposed.

The proposed new Tariff has been submitted to Congress by the Executive and is now before the Budget Committee of the Chamber of Deputies. His Majesty's Minister at Buenos Aires reports that Congress meets again in May, but it is doubtful whether the proposals will be taken into consideration this year.

A copy of the proposed new Tariff (in Spanish) may be inspected by persons interested at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. The Branch will be prepared to answer written enquiries as to whether any alteration is proposed in respect of the valuation of, or percentage rate of duty on, any particular article.

TARIFF CHANGES AND CUSTOMS REGULATIONS.

CEYLON.

Regulations respecting importation of horses, &c.

The Board of Trade have received from the Collector of Customs at Colombo copy of certain Regulations, dated 2nd February last, which have been made under the Contagious Diseases (Animals) Ordinance No. 25 of 1909, regarding the importation of horses, &c. into Ceylon.

Under these regulations it is provided that every person importing horses, asses, or mules into Ceylon from oversea ports shall produce a certificate of inspection by a qualified veterinary surgeon certifying that they were free from disease immediately before shipment, and shall give notice of their arrival to the principal Officer of Customs, who shall cause such animals to be inspected before landing by a duly authorized veterinary inspector.

No person shall land at any Ceylon port animals suffering from, or suspected to be suffering from, disease (as defined in sec. 3B of Ordinance No. 25 of 1909), provided that the principal Officer of Customs may, at his discretion, allow such diseased or suspected animals to be landed and detained in quarantine at such place, and for such a time, as he may deem necessary.

Any horse, ass or mule showing definite evidence of being affected with glanders or farcy shall be destroyed, and any animal showing

Tariff Changes and Customs Regulations.

CEYLON—*continued.*

definite evidence of other disease may be destroyed, if deemed necessary, with the special authority of the Government Agent. Compensation may be paid in respect of animals destroyed, such amount to be half the assessed value of the animal immediately before it was destroyed, so that the sum paid shall not exceed Rs. 350 for a horse or Rs. 75 for an ass or mule.

Importation of Dogs from Burmah prohibited.

A Proclamation, dated 14th February, 1911, has also been received which prohibits under section 12A (1) of the "Rabies Ordinance of 1893" the importation of dogs from Burmah into Ceylon.

DOMINION OF CANADA.

Regulations respecting the Temporary Admission of Tourists' Automobiles.

With reference to the notice which appeared on pp. 436–7 of the "Board of Trade Journal" of 3rd March, 1910, relative to the regulations contained in the Customs Memorandum No. 1571 B of 31st January, 1910, regarding the temporary admission, under bond or upon cash deposit, of tourists' automobiles into Canada, the Board of Trade are now in receipt of a further Customs Memorandum (No. 1619 B), dated 28th February, 1911, which amends the regulations of 31st January, 1910, by extending the period from 3 to 6 months during which such automobiles, with their outfit, may remain in Canada.

During the period covered by the Collector's permission the tourist may, after having temporarily crossed the frontier into the United States, re-enter Canada upon presenting the said permission at the frontier Customs House; provided that the Customs officer shall be satisfied as to the identity of the automobile and its outfit.

COMMONWEALTH OF AUSTRALIA.

Exportation of Bagged Products weighing over 200 lbs. Prohibited.

A Proclamation, dated 31st January last, has been received, prohibiting the exportation from the Commonwealth of wheat or other grain, ores, sugar, or other bagged products, which in regard to shipment or stowing must necessarily be carried on the backs of the persons in handling the same, if the weights of the bags containing such bagged products are, when filled, in excess of 200 lbs.

DOMINION OF NEW ZEALAND.

Customs Decisions.

The Board of Trade have received copy of a Minister's Order (No. 954), dated 30th January last, giving the following Customs decisions relative to the rates of duty leviable on the undermentioned articles imported into the Dominion of New Zealand:—

Tariff Changes and Customs Regulations.

DOMINION OF NEW ZEALAND—*continued.*

Articles.	Tariff Item.	Rates of Import Duty. On Foreign Goods.	Rates of Import Duty. On goods the produce or manufacture of any part of the British Dominions.
Anatomical web (elastic) used in manufacture of artificial limbs	485	Free	Free
Cardboard, pasteboard, wood-pulp board, and corrugated board (Tariff item 347), "royal," to mean 19 in. by 24 in. or its equivalent, or over	347	Free	Free
Heel tips, "Snows" eclipse	113	33⅓ % *ad val.*	22½ % **ad val.**
Motor-car, spy-hole of glass and metal for wind-screen of	197	30 % "	20 % "
Pen for relief writing, the "Scriptor," for writing showcards, &c., in raised lettering ...	364	Free	Free
Surgical appliances, viz.:—			
Switchboard containing contact breaker, rheostat, amperemeter, and voltmeter, when imported with and forming part of X-ray apparatus	287	Free	Free
Tubing, U-shaped, for steam superheater (claimed as iron pipes)	186	30 % *ad val.*	20 % **ad val.**

ST. VINCENT.

Continuation of Additional Import Duty during 1911.

The Board of Trade are in receipt of a copy of an Ordinance (No. 13 of 1910) which provides for the continuation, during the year 1911, of the *additional* duty of 10 per cent. of the duties leviable on goods imported into St. Vincent under the Customs Import Tariff Ordinances (Nos. 2 and 11 of 1895 and 4 of 1902).

LEEWARD ISLANDS: ANTIGUA.

Prohibition of Importation, &c. of White Phosphorus Matches.

A copy of an Ordinance (No. 11 of 1910) has been received which provides for the prohibition of the manufacture, sale and importation of matches made with white or yellow phosphorus in the Presidency of Antigua.

The Ordinance came into force on 1st January, 1911, except as regards the provisions respecting the prohibition of the *sale* of phosphorus matches by retail dealers, which are not to come into operation until the 1st July next.

Tariff Changes and Customs Regulations.

GAMBIA.

Governor-in-Council empowered to admit certain Articles free of duty.

A copy of an Ordinance (No. 2 of 1911) has been received which empowers, with effect from 1st January, 1911, the Governor-in-Council to make an order in any particular case for the free admission of any goods into Gambia which may be imported in special circumstances for an object of a general public character or an enterprise deemed to be beneficial to the Colony.

Any Order made under the above Ordinance is to be published in the "Gazette."

FIJI.

Prohibition of Importation, &c. of White Phosphorus Matches.

The Board of Trade have received, through the Colonial Office, copy of an Ordinance (No. 8 of 1910), dated 16th June, 1910, prohibiting the importation, manufacture, and sale of white phosphorus matches in Fiji.

RUSSIAN FAR EAST.

Establishment of New Customs Houses.

The Board of Trade are in receipt, through the Foreign Office, of information to the effect that Customs Houses have been established at Petropavlovsk (in the Province of Kamtchatka) and at Alexandrovsk (in the Island of Sakhalin). Importation of goods through these two ports may be effected, as heretofore, with exemption from import duty.

FRANCE.

Tariff Classification of Rivets for Machine Belts, &c.

A recent Circular of the French Customs Department notifies that the Departments of Commerce and Finance have decided that the provision in No. 546 *bis* of the Tariff for rivets (*rivets*) for dresses, trousers, waistcoats, braces, belts, gloves, footwear and "*toutes confections*" is applicable only to rivets for the articles named and other articles of clothing. Tubular or bifurcated rivets for machine belts, saddles and other similar articles are to be assessed for duty under Nos. 566, 566 *bis*, 575 or 579 of the Tariff, according to kind.

Tariff Classification of Nicotine.

A further Circular notifies that nicotine, which has heretofore been classified for tariff purposes under the head of "chemical products not specially mentioned, with alcoholic basis" (paragraph 1 of No. 282 of the Tariff) is in future to be assessed for duty under the head of "chemical products not specially mentioned, other than those with alcoholic basis" (paragraph 2 of No. 282).

Tariff Changes and Customs Regulations.

FRANCE—*continued.*

Tariff Classification of Thermometers for Medical use.

A further Circular notifies that in future no distinction will be made for tariff purposes between thermometers destined for medical use and those destined for other uses. All thermometers will consequently be assessed for duty under No. 634 *ter* of the Tariff.

Tariff Treatment of Share Certificates.

A further Circular notifies that in future foreign industrial or commercial share certificates and the like (*actions et obligations industrielles ou commerciales*) quoted on any French *or foreign* bourse, and duly numbered and signed, will be classified as "books" (*i.e.*, admitted free of duty) on importation into France, provided that proof is afforded that the shares are actually quoted on an Exchange by the production of a stockbroker's certificate, a copy of the official quotation, a financial publication of recent date mentioning the shares in question, or any other suitable document. In the case of State securities duly numbered and signed, proof of quotation will not be required.

Heretofore, tariff classification as "books" has been restricted to certificates of shares quoted on the Paris Bourse.

Denaturation of Cottonseed &c. Oils intended for the Manufacture of Soap.

In accordance with No. 110 of the French Tariff, olive, cottonseed, sesame, ground-nut, soya and maize oils intended for the manufacture of soap are admitted into France at reduced rates of duty (3 frs. per 100 kilogs. in the case of olive oil and 6 frs. per 100 kilogs. in the case of the other oils mentioned), on condition that they are rendered unsuitable for alimentary purposes and denatured at the expense of the importers, under the supervision of the Customs Service.

The competent French Departments have now decided that the process of denaturation adopted under the former Tariff in respect of olive oil may properly be extended to the other oils concerned, *i.e.*, denaturation is to be effected by the addition to 100 kilogs. of oil of

(*a*) 100 grammes of nitrobenzine or essence of *mirbane*; or

(*b*) 200 grammes of oil of rosemary.

Tariff Treatment of Feathers.

A further Circular notifies that ornamental or bed feathers of extra-European origin prepared in a European country are to be regarded for tariff purposes as products of the country in which they are prepared. Accordingly, no *surtaxe d'entrepôt* will be levied on them on importation into France. The fact of preparation in the European country concerned must be proved by the presentation of a certificate legalised by a French Consular officer.

Quills for writing and down of extra-European origin which have been prepared in a European country will continue to be regarded (as under the former French Tariff) as products of the extra-European country, and will be liable to the *surtaxe* (3 frs. 60 cts. per 100 kilogs.); if imported into France from a European country.

Tariff Changes and Customs Regulations.

ITALY.

Importation of Hides.

With reference to the notice on p. 616 of the "Board of Trade Journal" for the 23rd March, the Board are now informed by the Italian Consul in London that the certificates required in connection with hides exported from this country to Italy must be issued by the "Local Authorities" in this country, and that the declaration of a warehouse or wharf-keeper would not, therefore, appear to be sufficient.

Further information as to the requirements of the Italian Government with regard to this matter will be published on their receipt.

BULGARIA.

Tariff Modifications.

The Board of Trade are in receipt, through the Foreign Office, of a French translation of a recently promulgated Bulgarian Law modifying the Customs Tariff in various particulars. The following is the first portion of a statement showing the alterations which have been made in the text of the Tariff and in the rates of Customs duty. The statement will be completed in the next issue of the "Board of Trade Journal":—

[Franc (100 centimes) = 9·6*d.*; 100 kilogs. = 220·46 lbs. Additions to the text of the former Tariff are indicated by italic type.]

Tariff No.	New Tariff Classification.	Rate of Duty.	
		Former.	New.
92	Flowers, *leaves, moss and other plants for decorative purposes*—	Frs. cts.	Frs. cts.
	(*a*) Living, with roots	*Each* 0 50*	*Each* 0 50*
	(*b*) In bouquets or wreaths	*Per 100 kilogs.* 50 00	*Per 100 kilogs.* 50 00
	(*c*) *Dried or prepared*	(Not specified)	30 00
93	Hay, straw and all plants *and green stuff* (*herbes et feuillages*) for the feeding of animals, including vetches (*pois-gesse* [*vicio sativa*])	Free	Free
124	Linseed oil, raw or boiled, and colza oil...	*Per 100 kilogs.* 25 00	*Per 100 kilogs.* 25 00
	Note.—Linseed oil substitutes such as vernis gras (*firniss*), *oleoresin* (*harzöl*) *niger oil, &c., are included under this Tariff No.*		
125	Cotton-seed oil, *edible*	†	15 00
	Note.—Cotton seed oil imported for industrial purposes, after having been denatured, shall be dutiable under Tariff No. 128, i.e. at the rate of ...	‡	5 00

* 50 centimes each was the former "General" rate applicable to "*flowers*, living, with roots." Under the Franco-Bulgarian Convention, however, "*flowers*, living, with roots" are dutiable at the rate of 40 centimes each.

† The importation of cotton seed oil, other than denatured oil for use in industries, was prohibited in virtue of a Bulgarian Law of 1900.

‡ Dutiable under No. 125 of the Tariff at the rate of 15 francs per 100 kilogrammes.

Tariff Changes and Customs Regulations.

BULGARIA—*continued.*

Tariff No.	New Tariff Classification.	Rate of Duty. Former.	Rate of Duty. New.
		Frs. cts.	Frs. cts.
126	Almond oil, *cocoa butter* and cocoanut oil (*huile de coco*) (*comestible vegetaline*)	*Per* 100 *kilogs.* 10 00	*Per* 100 *kilogs.* 10 00
	Note.—Cocoanut oil imported for industrial purposes shall, if it be coloured by any process, be dutiable under Tariff No. 128, i.e., at the rate of	*	5 00
130	Tallow, *oleine*, and other non-edible animal fats	10 00	10 00
131	Spermaceti, stearin, glycerine, palmite† *and lanoline*	20 00	20 00
135	Pine resin	3 00	Free
155	Asphalt and other mineral resins—		
	(*a*) *Asphalt stone in lumps*	5 00‡	Free
	(*b*) *Asphalt stone, powdered*... ...		2 00
	(*c*) *Asphalt plaster; mineral tar resin; coal resin and naphtha resin; asphalt mastic*		5 00
	(*d*) *Articles of asphalt and of other mineral resins*		7 00
160	*Note to No. 160.—Residues from the refining of petroleum, known as "pakoura," and serving for heating purposes are exempt from Customs duty.*		
162	Coal (*houille*) and coke for heating ...	*Per ton.* 2 50	Free
167	Essence of roses	*Per kilog.* 200 00	Free
172	Vegetable materials for tanning, such as oak and fir bark, gall nuts, &c... ...	*Per 100 kilogs.* 3 00*§ / 1 50†‖	Free
177	Chalk—		*Per 100 kilogs.*
	(*a*) *Black*, for drawing	12 00‡¶	12 00
	(*b*) *White chalk of carbonate of lime or gypsum*	12 00‡¶	20 00
	(*c*) *Coloured chalk manufactured of the same materials*	25 00§**	25 00
	Note.—Under sub-division (*a*) *is included only natural black chalk for drawing* (*pierre noire à dessiner*). *Pastels* (*crayons de pastel*), *coloured in the paste, prepared with chalk, clay* (*glaise*), *gypsum and other greasy and glutinous materials shall be dutiable under Tariff No. 179* (*i.e.* as pencils [*crayons*]).		
189	Anhydrous and hydrated oxides—		
	(*a*) Hydrate of soda (caustic soda)...	3 00††	Free
	(*b*) Hydrate of potash (caustic potash)	4 00	Free
	(*e*) Peroxide of manganese (pyrolusite)	30 00	Free

* Dutiable under Tariff No. 126, at 10 francs per 100 kilogrammes. † In the former Tariff: palmitin (*palmetine*). ‡"Asphalt and other mineral resins." §Oak and fir bark. ‖ Others, not specially mentioned. ¶ Chalk for drawing. ** Chalk, shaped, in pieces of all forms. †† Under the Commercial Convention between Bulgaria and Belgium.

Tariff Changes and Customs Regulations.

BULGARIA—*continued.*

Tariff. No.	New Tariff Classification.	Rate of Duty. Former.	Rate of Duty. New.
		Frs. cts.	Frs. cts.
190	Other chemical products and preparations—	*Per* 100 *kilogs.*	
	(*a*) Carbonates—		
	(1) Carbonate of ammonia ...	10 00	Free
	(2) Carbonate of potash... ...	5 00*	Free
	(3) Carbonate of soda	1 50*	Free
			Per 100 kilogs.
	(4) *Carbonate of magnesium* ...	(Not specified)	1 00
	(*b*) Sulphates—	*Per 100 kilogs.*	
	(2) Sulphate of aluminium ...	2 50	Free
	(3) Sulphate of soda	2 00	Free
	(7) Alums of all kinds (of potassium, of ammonia, of chromium, &c)	2 00	Free
	(*c*) Chlorides and other chemical products—		
	(4) Phosphate of soda and phosphate of potash *for use as manure*	4 00	Free
	(8) Nitrate of sodium (Chile saltpetre)	2 50	Free
	(10) Bichromate of potassium or of sodium...	10 00	Free
	(16) Sulphur	1 50	Free.
	(19) Creosote not purified, *creolin, carbonilium, and urinol...*	10 00	*Per 100 kilogs.* 10 00
	(28) Gypsum (sulphate of lime), baked or not, *ground or not* ...	20 00	5 00
	(29) Saccharine, "*cihosa,*" *zuckerine, dulcine and other sweetening substances obtained by synthetic processes*	Prohibited.	*Per kilog.* 100 00
	Note.—The importation of saccharine, &c. is only permitted under the authorisation of the public health authorities.		
	(31) *Chloride of magnesium* ...	(Not specified.)	*Per 100 kilogs.* 2 00
	(32) "*Urzol*"		Free.
	(33) *Solutions for spraying vines, fruit trees or cereals*		Free.
	(34) *Chloride of potassium* (*sylvin*)		Free.
195	Medicaments which figure in the official pharmacopeia (including the weight of the immediate receptacle)	*Per 100 kilogs.* 50 00	*Per 100 kilogs.* 50 00
	Note.—Lysol and lysoform shall be dutiable under this Tariff No.		
198	Wood of all kinds—		
	(*b*) Squared	0 75	0 75
	(*c*) *Planks* sawn but not planed, of a thickness of more than one centimetre...	2 50	2 00
	Note.—Under (*b*) is included all squared timber of three, four or more sides, such as beams, rafters, &c.		

* Under the Commercial Convention between Bulgaria and Belgium.

Tariff Changes and Customs Regulations.

BULGARIA—*continued.*

Tariff No.	New Tariff Classification.	Rate of Duty. Former.	Rate of Duty. New.
		Frs. cts. *Per* 100 *kilogs.*	Frs. cts. *Per* 100 *kilogs.*
202	Common bast, *and raphia*	4 00	4 00
228	*Note to No.* 228.—*Hats of straw, shavings, esparto, bark, palm fibre or any other vegetable material, woven in a single piece (bonnets, cloches) without sewing, unbleached, not dressed (non apprêtés) and not trimmed, shall be dutiable at* 50 *per cent. of the rates provided for the same articles, dyed, dressed, but not trimmed (façons).**		
253	Cement tiles—		
	(*c*) *Tiles of "éternite" for roofing houses*	(Not specified.)	*Per sq. metre.* 2 00
277	Paper, except fancy paper (*papier de luxe*)—		
	(*a*) Writing, drawing and printing paper, *registers, school copy books and music paper*, white or coloured, ruled paper, glazed or not	*Per 100 kilogs.* 12 00	*Per 100 kilogs.* 12 00
	Note to No. 277a.—Paper cut into bands for telegraphic purposes is dutiable under this Tariff No.		
	Paper of this category weighing less than 25 grammes per square metre shall be dutiable under Tariff No. 278b. (*i.e.* at 60 francs per 100 kilogs.)		
282	Cardboard *manufactured of one or several sheets and weighing more than 200 grammes per square metre, dyed or not*—		
	(*a*) Common cardboard *smoothed but not polished*, tarred, covered with asphalt, for sheathing vessels, for roofing and other purposes; cardboard resembling slate; *carton pierre*	15 00†	15 00
	(*b*) Cardboard covered with white or coloured paper	(Not specified.)	20 00
	(*c*) Cardboard (*cartons*) of all kinds, including that prepared for photographs and painters ...	25 00	25 00
	Note.—Under (*c*) *are included: Cardboard for photographers and painters, bearing impressed or printed ornamentations, firms' names and all other decorations, as also passe-partout.*		
	Cardboard weighing less than 200 *grammes per square metre shall be dutiable as paper.*		
291	Religious pictures on paper, linen or wood, *etc. combined or not with other common materials, even gilt or silvered* ...	25 00	25 00

* *i.e.*, at 15 centimes each if of straw or shavings, and 25 centimes each if of other vegetable material.

† Under No. 282*a* of the former Tariff, very common cardboard, of one or more sheets, not smoothed, was dutiable at the rate of 10 frs. per 100 kilogs.

(*To be continued.*)

Tariff Changes and Customs Regulations.

SERVIA.

Importation of Pure Acetic Acid and Essence of Vinegar.

The Board of Trade are in receipt, through the Foreign Office, of a French translation of a Circular issued by the Servian Minister of Finance (No. 3268 of the 7th/20th February), notifying that the importation of pure acetic acid and essence of vinegar at the "Conventional" rate of 120 dinars per 100 kilogrammes will now be permitted from those countries (including the United Kingdom) with which Servia has Commercial Treaties.

These articles will, however, be analysed by the Customs in order to ascertain whether they are noxious to health.

ARGENTINE REPUBLIC.

Revised Rates of Internal Tax on Imported Cigarettes.

With reference to the Tariff showing the rates of the internal tax leviable on cigarettes imported into the Argentine Republic, published at pp. 325–326 of the "Board of Trade Journal" for the 12th November, 1908, the Board of Trade are now in receipt, through the Foreign Office, of copy and translation of an Argentine Decree, dated the 27th January, 1911, establishing the following revised rates of duty:—

New Classification.	Revised Rates of Internal Tax.
Cigarettes in packets or boxes, weighing per packet or box (*including* the weight of the packing):—	Centavos. *Per packet.*
Up to 15 grammes	7
Over 15 up to 25 grammes	10
Over 25 up to 35 grammes	15
Over 35 up to 45 grammes	20
Over 45 up to 55 grammes	25
Over 55 grammes	5 centavos for each 10 grammes or fraction thereof.
Cigarettes imported loose will pay the internal tax at the rate of 7 centavos for each 13 grammes or fraction thereof.	

NOTE.—Hectogramme (100 grammes) = 0·22046 lb. avoirdupois. The above duties are fixed in paper currency. 5 centavos may be taken as approximately equivalent to 1*d*.

PROPOSED NEW EXCISE DUTY.

NETHERLANDS.

Proposed Tax on the Consumption of Tobacco.

The Board of Trade are in receipt, through the Foreign Office, of information to the effect that the Netherlands Government has submitted to the States General a Bill for the imposition of a tax, to be enforced from January 1st, 1912, on manufactured tobacco sold to consumers by retail dealers, this tax amounting to ten per cent. of the sums realised by retail dealers in

the course of each year. The assessment of the tax is to be effected on the basis of registers to be kept by retail dealers, and supplied and controlled by the State. In the case of direct sales to consumers by manufacturers or wholesale dealers, the price of the tobacco sold will be estimated at thirty per cent. higher than that sold by retail dealers, and consumption duty will be levied on this basis.

SHIPPING AND TRANSPORT.

BRITISH INDIA—NETHERLANDS.

New Steamship Service between Rotterdam and Bombay.

H.M. Consul at Rotterdam (Mr. H. Turing) reports that a new steamship line, under the name of Indische Lloyd, began on 7th March a regular service between that port and Bombay. The company, which has a capital of 4,000,000 florins (about 333,000*l.*), intends to run four vessels of some 2,000 or 3,000 tons on this route. The ships will carry coal and general cargo to the East. On the return journey they will call at Antwerp. (7,886.)

RUSSIA.

Proposed Harbour Improvements at St. Petersburg.

See notice on p. 647.

DENMARK (FAROE ISLANDS).

New Harbour Regulations at Kvalvig.

H.M. Consul at Thorshavn (Mr. A. G. Coates) has forwarded a copy and translation of new harbour regulations, dated 19th December last, for the Faroese port of Kvalvig, isle of Strömö. These regulations may be seen by British shipping firms at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (H. 3,702.)

PORTUGUESE EAST AFRICA.

New Large Pier at Beira.

H.M. Vice-Consul at Beira (Mr. H. A. Richards) reports that the local authorities have entered into an agreement with the Beira and Mashonaland Railway Company for the construction at Beira of a pier of stone or concrete, to which the large ocean vessels calling at that port shall be able to have access at all states of the tide. The pier is to be 430 feet long, and is to have accommodation for one vessel on each side. (7,791.)

PERU.

Pilotage on Amazon.

H.M. Minister at Lima reports the publication of a Presidential Resolution, addressed to the Prefect of Loreto, dated 7th February, to the effect that, in future, Brazilian and English Steam Navigation Companies or any others on entering Peruvian waters on the Amazon will be required to take Peruvian pilots at Letitia on the frontier. (H. 4,052.)

Shipping and Transport.

CHINA.

The following information is from the report by H.M. Consul at Chinkiang (Mr. G. D. Pitzipios) on the trade of that district in 1910, which will shortly be issued :—

Proposed Railways in Chinkiang District.

A railway survey was made during August and October, 1910, between Suchien and Hsüchoufu, this section being part of the proposed Haichow-Tsingkiangpu-Hsüchoufu line.

A survey has also been made of a proposed line from Taichow to Shihêrhwei *viâ* Yangchow and Kuachow, of a length of approximately 48 miles. The gauge is to be 4 feet 8½ inches (standard gauge), and the traffic would be chiefly in salt, but a large passenger traffic should develop as well. The bridge work necessitated will be heavy, the earth work light. If built, the line is to be an up-to-date one; the necessary authorisation has been obtained from the Peking authorities, but it is not yet certain where the money is to come from. The promoters are Chinese.

MINERALS, METALS AND MACHINERY.

CANADA.

Mineral Production of Ontario in 1910.

The Imperial Trade Correspondent at Toronto (Mr. F. W. Field) has forwarded a copy of a preliminary bulletin published by the Ontario Bureau of Mines, from which the following statistics of the output of certain minerals in the Province of Ontario in 1910 have been taken, the figures for 1909 being added for purposes of comparison :—

—	1909.		1910.	
	Quantity.	Value.	Quantity.	Value.
		Dollars.		Dollars.
Gold ... ... ozs.	2,042	32,445	3,246	60,918
Silver ... ... "	25,903,985	12,464,722	30,558,825	15,436,994
Nickel ... ...tons of 2,000 lbs.	13,907	2,790,798	18,636	4,005,961
Copper ... ... " "	7,933	1,127,015	9,630	1,374,103
Iron ore ... ... " "	263,777	645,622	231,453	513,538
Pig iron*... ... " "	407,013	6,301,528	447,351	6,975,418
Petroleum ... ...Imp. galls.	14,723,105	559,478	11,004,357	368,153
Natural gas	—	1,188,179	—	1,490,334

* Produced from 220,307 tons of Ontario iron ore, and 543,544 tons of ore not produced in Ontario, in 1909; and from 143,284 and 678,890 tons respectively in 1910.

Dollar = 4*s.* 1½*d.* (7,137.)

Minerals, Metals and Machinery.

GERMANY.

New Steel Foundry in Upper Silesia.

In an article on the Upper Silesian mining industry, the "Frankfurter Zeitung" of 22nd March states that Messrs. Krupp intend to erect a large steel foundry in Upper Silesia close to the Kattowitz-Myslowitz and the Kattowitz-Sosnowice railways. In this connection efforts are to be made to secure a reduction in freight rates on material intended for the Russian, Austrian and Balkan States markets.

GERMAN SOUTH-WEST AFRICA.

Diamond, Copper and Lead Production.

H.M. Embassy at Berlin have furnished the following particulars of the mineral production of German South-West Africa in the year ended 31st March, 1910, extracted from an official report published by the German Colonial Office:—

The total quantity of **diamonds** obtained during the year was 656,710 carats, valued at about 1,000,000*l.*, of which 106,498 carats, valued at 150,000*l.*, were mined in the diamond fields belonging to the Government. From the Otavi **copper** mines 48,673 metric tons of ore were obtained, of which 32,458 tons were shipped, and 14,176 tons were smelted in the colony, producing 3,143 tons of copper regulus and 2,755 tons of crude lead. The other minerals existing in the Protectorate are as yet of comparatively small importance. (C 2,081.)

FRANCE (MADAGASCAR).

Exports of Minerals.

H.M. Consul at Antananarivo (Mr. T. P. Porter) has furnished the following statistics of the exports of minerals from Madagascar during the year 1910:—

	Ounces.		Metric Tons.
Gold dust	104,002	Corundum ("corrindons industriels")	11
	Metric Tons.	Uranite	2¼
Graphite	545	Malachite	1¼
Rock crystal	28		

The export of gold dust in 1909 amounted to 118,886 oz., of graphite to 200 metric tons, and of rock crystal to 107 tons. (C. 2,567.)

ITALY.

Coal Imports at Torre Annunziata.

With reference to the notice on p. 574 of the "Board of Trade Journal" of 16th March relative to coal imports at Naples last year, H.M. Consul at that place (Mr. S. J. A. Churchill, M.V.O.) reports that in addition to the quantity given, viz., 709,048 tons, 199,927 tons were imported in 1910 at Torre Annunziata. (7,143.)

PERU.

Copper Exports in 1910.

"Peru To-day" (Lima) for February states that last year 26,000 metric tons of fine copper from blister copper, copper matte and ores were shipped from Peru, as compared with 19,000 tons in 1909.

AGRICULTURAL & FOREST PRODUCTS.

UNITED KINGDOM.

Corn Prices.

The prices of British corn per quarter of 8 bushels, as received from the inspectors and officers of Excise in the week ended 25th March, 1911, were as follows:—

Wheat	30*s.*	2*d.*
Barley	25*s.*	0*d.*
Oats	17*s.*	5*d.*

For further particulars see p. 679.

Imports of Agricultural Produce.

A statement is published on p. 680 showing the quantities of the various descriptions of agricultural produce imported into the United Kingdom during the week ended 25th March, 1911, as well as of the imports during the corresponding week of 1910.

Cotton Statistics.

The number of bales of cotton **imported** into the United Kingdom during the week ended 23th March, 1911, was 62,576 (including 228 bales British West African and 78 bales British East African), and the number imported during the twelve weeks ended 23rd March was 1,468,672 (including 3,499 bales British West Indian, 353 bales British West African, 5,686 bales British East African, and 41 bales foreign East African). The number of bales **exported** during the week ended 23rd March was 7,934, and during the twelve weeks, 135,052.

For further details see p 679.

FRENCH ESTABLISHMENTS IN OCEANIA.

Law regulating Picking and Curing of Vanilla.

H.M. Consul at Tahiti (Mr. A. Rowley) reports the publication of a law regulating the picking and curing of vanilla in French Oceania. It appears that the value of Tahitian vanilla in the world market has been depreciated, chiefly owing to the gathering and curing of the beans while in an immature condition. The new law prohibits the harvesting, curing and transport of *green* vanilla for commercial purposes. The curing of the beans is to be carried out only by persons possessing a special licence, to be obtained on showing proof of technical ability for the work, and all vanilla prepared for export is to be examined before shipment. The law is to come into force after three months from 19th January. (C. 2,566.)

ROUMANIA.

Crop Report.

The "Curier Financiar" of 19th March contains the following report on the state of Roumanian crops:—

The winter has been favourable to agriculture. Only in the plains was there little or no snow. Autumn rape and barley sown late have suffered somewhat, but not wheat. Owing to the mild temperature, spring farming has already commenced in the Departments of Dolj, Romanatz, Olt, Tulcea, and Constantza. In certain districts the sowing of barley, oats and peas has already begun. In the north, however, farming has not yet begun owing to the cold. Roumanian cattle have withstood the winter excellently.

Agricultural and Forest Products.

GUATEMALA.

The following information is from the report by H.M. Vice-Consul at Guatemala (Mr. G. D. N. Haggard) on the trade of that country in 1909, which will shortly be issued:--

Unexploited Agricultural Products.

Many products of the soil of Guatemala, in which at present there is no foreign trade, might be exported. Whether from ignorance of the market value of the products, lack of capital to exploit them, or failure to get in touch with purchasers abroad, the local owners of estates do little to increase their productiveness. As an instance may be mentioned the "Cohune" or **Manacca nut,** locally known as the "Coroza," which grows in great abundance in the valleys of the Polochic and Motagua, and is valuable for its oil. It is excessively hard, and a practical machine for cracking it is, it is believed, still to be found. Small portable machines, which could be carried about from tree to tree, would be the most useful. **Myristica wax** also is produced in the department of Suchitipequez from a nut, and is used in the manufacture of soap; the fruit itself might also be exported in glass bottles or tin boxes. Among other products of the forests as yet unexploited, such as gums, resins, fibres, &c., may be mentioned a certain **wood** found in the province of Petén, which is much prized for its buoyancy and is said to possess advantages over cork.

Rubber also might be cultivated on a far larger scale were the numerous properties, on many of which wild rubber grows in great quantities, in the hands of persons with capital and knowledge. The native owners, for the moment at all events, seem more disposed to sell these properties than to work them, but they do not know how to get in touch with a purchaser. With the completion of the railway system in the west of Guatemala, and the consequent outlet to the Atlantic by way of Mexico, some of these properties might prove a good investment.

MISCELLANEOUS.

SOUTH AFRICA.

Use of Wattle in place of Cutch for treating Fishing Nets.

The Commercial Intelligence Branch of the Board of Trade has received from the High Commissioner in London for the Union of South Africa a copy of a report on experiments made as to the use of wattle (*acacia mollissima*) in the place of cutch for the tanning and preserving of fishing nets. The two samples of wattle examined contained respectively 36·8 and 37·6 per cent. of tannin (calculated as crystallised oxalic acid), as compared with 46·42 per cent. in cutch. Baths prepared from each of the two samples tanned cotton netting to the same shade as is obtained with cutch, and the colour was equally resistant to fresh and sea water, weather and other influences tending to cause it to fade. The amount

Miscellaneous.

of tanning material yielded by a bath prepared with wattle was practically the same as by a similar bath prepared with cutch. There was no indication of injury or tendering of the fabric of the net, and it is reasonable to suppose that the protective effect of the process will be similar with the two materials. Practical experiments are about to be made by net manufacturers. (7,836.)

SWEDEN.

Exploitation of Waterfalls by Private Persons.

With reference to the article on pp. 119-20 of the "Board of Trade Journal" of 20th October last relative to the use of waterfalls in Sweden, H.M. Minister at Stockholm reports that the Government has now submitted a Bill to Parliament providing for the lease of State waterfalls to private persons for 95 years. If the lease is for more than 65 years the holder will have to surrender his construction works to the State, at the end of the lease, without compensation. At present leases are only granted for 65 years, with the option on the part of the State of renewing them for another 30 years, or of resuming possession with compensation to the leaseholder for works set up by him. Under this arrangement intending leaseholders have found it difficult to raise money on mortgage of the waterfalls, as their tenure after 65 years has been uncertain.

The Swedish Prime Minister stated on 1st March that measures would shortly be laid before Parliament defining the conditions of the exploitation of waterfalls owned or leased by private persons, in such a way as to encourage and facilitate enterprise. (C. 2,298.)

AUSTRIA-HUNGARY.

Adriatic Fishery Results.

The British Vice-Consul at Trieste (Mr. N. Salvari) has furnished the following particulars of the results of the fisheries of Istria and Dalmatia in the Adriatic in 1909–10, as compared with the previous year:—

	Number.	Weight.	Value.	
		Metric Tons.	Kronen.	£
1908–9...	32,197,201	12,962	9,141,960	380,900
1909–10	48,526,181	13,092	9,741,174	405,900

In 1909–10, 7,336,532 tins of sardines preserved in oil, valued at 5,797,574 kronen (about 241,600*l.*), were produced, as compared with 10,800,000 tins in 1908-9. (7,707.)

UNITED STATES OF AMERICA.

Fishery Production of Washington, Oregon, and Alaska.

H.M. Consul at Portland, Oregon, (Mr. J. Laidlaw) has furnished the following statistics of the production of the fisheries of Washington, Oregon, and Alaska during the year 1910:—

Miscellaneous.

UNITED STATES OF AMERICA—*continued.*

	Washington and Oregon.		Alaska.	
	Quantity.	Value.	Quantity.	Value.
		£		£
Salmon, canned ... cases	1,055,051	1,171 394	2,387,814	2,736,037
,, fresh ... ... lbs.	73,613,111	819,103	1,200,000	20,000
,, mild-cured .. tierces	10,855	203,532	4,454	83,513
,, frozen ... lbs.	4,495,000	37,417	236,105	1,966
,, salted and dried brls.	—	—	15,151	34,735
Halibut, fresh and frozen* lbs.	30,506,376	317,892	—	—
Cod, salt ... ... ,,	—	—	7,876,000	49,255
Herring... ... ... ,,	2,234,350	4,054	2,304,000	4,756
Oysters and other shell fish ,,	1,036,650	206,970	164,260	1,440
Whale products (oil, guano, &c.)	—	8,635	—	61,963
Furs (seal) ... ... no.	—	—	13,000	93,750

* A great portion of the halibut reported under Washington and Oregon is caught in Alaskan waters. (7,532.)

Sources and Manufacture of Industrial Alcohol.

The Commercial Intelligence Branch of the Board of Trade has received a copy of a Bulletin (No. 429), issued by the United States Department of Agriculture, on the sources and manufacture of industrial alcohol. The conclusion is arrived at that the business of distilling alcohol calls for a considerable investment of capital and no small degree of technical skill. To be productive of satisfactory returns, it must be conducted on a fairly large scale.

The Bulletin may be seen by British firms at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C.

MEXICO.

Regulations under Law governing Use of Waters under Federal Jurisdiction.

With reference to the notice on p. 216 of the "Board of Trade Journal" of 26th January relative to a new law governing the use of the waters under Federal jurisdiction, attention is now called to a translation of this law, together with a copy and translation of the regulations, published in the "Diario Oficial" of 8th February, made under the law, which has been received from H.M. Legation at Mexico City. The translations and texts of the law and of the regulations may be seen by British firms at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C.

(C. 2,376.)

STATISTICAL TABLES.

Cotton Returns.

Return of the **Number** of **Bales** of **Cotton Imported** and **Exported** at the **Various Ports** of the **United Kingdom** during the week and 12 weeks ended 23rd March, 1911 :—

—	Week ended 23rd March, 1911.	12 Weeks ended 23rd March, 1911.	Week ended 23rd March, 1911.	12 Weeks ended 23rd March, 1911.
	IMPORTS.		EXPORTS.	
	Bales.	Bales.	Bales.	Bales.
American	45,372	1,192,171	5,177	65,114
Brazilian	—	31,418	—	2,987
East Indian	235	29,931	220	2,914
Egyptian	14,862	195,907	2,415	63,001
Miscellaneous	2,107*	19,245†	122	1,036
Total	62,576	1,468,672	7,934	135,052

* Including 228 bales British West African and 78 bales British East African.

† Including 3,499 bales British West Indian, 353 bales British West African, 5,686 bales British East African, and 41 bales foreign East African.

NOTE.—Cotton "in transit" or "for transhipment under bond," *if described as such in the ships' reports*, is not included in this return.

Corn Prices.

Statement showing the **Average Price** of **British Corn**, per quarter of 8 bushels, Imperial Measure,* as received from the Inspectors and Officers of Excise in the week ended 25th March, 1911, and corresponding weeks of the seven previous years pursuant to the Corn Returns Act, 1882.

—	Average Price.		
	Wheat.	Barley.	Oats.
	s. d.	s. d.	s. d.
Week ended 25th March, 1911	30 2	25 0	17 5
Corresponding Week in—			
1904	27 11	22 10	16 6
1905	30 9	25 1	16 11
1906	28 3	24 5	18 11
1907	26 8	23 9	18 2
1908	31 4	25 10	17 10
1909	36 0	28 0	18 6
1910	32 9	23 7	17 11

* Section 8 of the Corn Returns Act, 1882, provides that where returns of purchases of British Corn are made to the local Inspector of Corn Returns in any other measure than the Imperial bushel or by weight or by a weighed measure that officer shall convert such returns into the Imperial bushel, and in the case of weight or weighed measure the conversion is to be made at the rate of sixty Imperial pounds for every bushel of wheat, fifty Imperial pounds for every bushel of barley, and thirty-nine Imperial pounds for every bushel of oats.

Imports of Agricultural Produce into the United Kingdom.

Account showing the Quantities of certain kinds of **Agricultural Produce** imported into the **United Kingdom** in the week ended 25th March, 1911, together with the quantities imported in the corresponding week of the previous year.

—		Week ended 25th March, 1911.	*Corresponding week in 1910.*
Animals, living :—			
Oxen, bulls, cows, and calves	Number	1,796	*4,260*
Sheep and lambs	"	2,063	—
Swine	"	—	—
Horses	"	124	*244*
Fresh meat :—			
Beef (including refrigerated and frozen) ...	Cwts.	96,269	*102,290*
Mutton " " " ...	"	99,520	*162,655*
Pork " " " ...	"	9,817	*10,531*
Meat unenumerated, fresh (including refrigerated and frozen)	"	11,131	*28,178*
Salted or preserved meat :—			
Bacon	Cwts.	91,823	*81,954*
Beef	"	2,174	*1,255*
Hams	"	11,302	*19,385*
Pork	"	4,313	*4,113*
Meat, unenumerated, salted	"	2,056	*1,996*
Meat, preserved, otherwise than by salting (including tinned and canned)	"	9,749	*31,883*
Dairy produce and substitutes :—			
Butter	Cwts.	115,641	*83,404*
Margarine	"	15,761	*29,332*
Cheese	"	36,703	*56,500*
Milk, fresh, in cans or drums	"	75	—
" cream	"	258	*183*
" condensed	"	23,931	*22,840*
" preserved, other kinds...	"	307	*373*
Eggs	Grt. Hundr.	400,583	*292,736*
Poultry	Value £	36,022	*19,323*
Game	"	2,254	*4,574*
Rabbits, dead (fresh or frozen)	Cwts.	7,939	*15,379*
Lard	"	42,225	*51,713*
Corn, grain, meal and flour :—			
Wheat	Cwts.	1,704,800	*1,582,200*
Wheat-meal and flour...	"	109,200	*217,900*
Barley	"	318,200	*206,100*
Oats	"	394,900	*373,800*
Peas	"	9,833	*27,661*
Beans	"	15,240	*2,930*
Maize or Indian corn	"	816,700	*717,600*
Fruit, raw :—			
Apples	Cwts.	16,074	*53,131*
Apricots and peaches	"	9	*41*
Bananas...	Bunches	122,326	*92,861*
Cherries	Cwts.	—	—
Currants	"	—	—
Gooseberries	"	—	—
Grapes	"	1,248	*917*
Lemons	"	15,754	*24,425*
Oranges	"	162,881	*133,781*
Pears	"	281	*1,222*
Plums	"	215	*197*
Strawberries	"	—	—
Unenumerated	"	1,112	*593*
Hay	Tons	2,281	*1,435*
Straw	"	170	*329*
Moss Litter	"	2,249	*1,569*
Hops	Cwts.	568	*3,492*
Locust beans	"	23,550	—
Vegetables, raw :—			
Onions	Bushels	134,713	*110,331*
Potatoes...	Cwts.	17,442	*25,648*
Tomatoes	"	19,873	*22,457*
Unenumerated	Value £	11,039	*10,887*
Vegetables, dried...	Cwts.	4,740	*1,853*
" preserved by canning	"	6,691	*11,528*

GOVERNMENT PUBLICATIONS.*

TRADE RETURNS OF THE UNITED KINGDOM.

The monthly Accounts relating to the Trade and Navigation of the United Kingdom for the month of February, 1911, have been published. The accounts, which are issued on the 7th or 8th of each month, may be purchased* at a cost, in the present instance, of 1*s.* 4*d.* per copy.

Attention is further called to the fact that the "Annual Statement of the Trade of the United Kingdom with Foreign Countries and British Possessions" for the year 1909 has been issued (see notices on pp. 513 and 458 of the "Board of Trade Journal" of 9th June and 1st September, 1910, respectively, and p. 435 of this issue), and may be purchased* at a cost of 5*s.* 2*d.* for the first volume, 3*s.* 2*d.* for the second volume, and 3*s.* 1*d.* for the supplement. This publication, which contains much more detailed and exhaustive information than can be given in the Monthly Accounts, gives in the first volume abstract tables for the years 1905–1909, and detailed statements of imports and exports of each article consigned from and to each country; in the second volume details as to Customs revenue, transhipments and articles in bond, with particulars of the trade of the United Kingdom with each foreign country and British Possession, and of the trade at each port of the United Kingdom; and in the supplement a classification on the basis followed in Volumes I. and II. of the "Annual Statement" for 1908 and earlier years.

It may be noted that for 1909 the figures of Volumes I. and II. relate to the countries *of consignment* for imports and countries of final destination for exports. A supplementary volume similar to that noted above for 1909 will continue to be issued for later years, in which particulars will be given as mentioned above, on the same basis as those published (up to the year 1908) in the first two volumes. By this means it will be possible to trace the details of the differences resulting from the change of system for a further limited period.

BOARD OF TRADE LABOUR GAZETTE.

The "Board of Trade Labour Gazette"* is published (price 1*d.*) by the Board of Trade on the 16th of each month. The following are among the more important articles which appear in the March issue:—State of the Labour Market in February; Employment Returns for February; Conciliation and Arbitration in Foreign Countries; Workmen's Insurance in Germany in 1909; Diseases of Occupations in 1910; Standard Time Rates of Wages; Fatal Industrial Accidents in 1910; Recent Conciliation Cases.

FOREIGN OFFICE REPORT.

The following report of the **Annual Series** has been issued by the Foreign Office since the last number of the "Board of Trade Journal":—

No. 4,627. Preliminary Report on the Trade of Germany in 1910.

This report gives a detailed analysis of the trade between Germany and the United Kingdom, compiled from the German preliminary trade returns for 1910.

* Copies of Government publications may be purchased either directly or through any bookseller, from Wyman & Sons, Ltd., Fetter Lane, London, E.C.; or Oliver & Boyd, Tweeddale Court, Edinburgh; or E. Ponsonby, Ltd., 116, Grafton Street, Dublin.

Government Publications.

OTHER GOVERNMENT PUBLICATIONS.

Patents, Designs, and Trade Marks. Twenty-eighth Report of the Comptroller-General, with Appendices, for the year 1910. *H. C.* 95. *Price* 2*d.*

This reports deals with the work of the Patent Office during the year 1910. The number of applications for patents and for registration of designs and trade marks during that year, as compared with the two preceding years, is shown by the following table:—

——	1908.	1909.	1910.
Patents—			
Applications	28,598	30,603	30,388
Specifications—			
Provisional	19,495	21,553	20,768
Complete	17,746	18,705	19,105
Sealed	16,284	15,065	16,269
Designs—			
Applications	24,907	26,412	32,745
Registered	24,389	25,754	32,212
Trade Marks—			
Applications	10,645	10,880	10,623
Registered	5,965	6,112	5,722

Emigration. Report on the Emigrants' Information Office for the year ended 31*st December*, 1910. [*Cd.* 5,580.] *Price* 2*d.*

During the year 1910, 22,883 written applications were received at the Emigrants' Information Office by, or on behalf of, intending emigrants, as against 15,857 in 1909, an increase of 44 per cent.; the number of personal enquiries in 1910 was 4,712. The total number of enquiries with regard to Canada last year show an increase of 83·7 per cent. as compared with 1909, and with regard to Australia and New Zealand an increase of 27·4 per cent.

FOREIGN OFFICE REPORTS.

THE following Reports of H.M. Diplomatic and Consular Officers which have been issued in the Annual Series since the 1st January, 1911, may be obtained, either directly or through any bookseller, from Wyman & Sons, Ltd., Fetter Lane, London, E.C.; in Scotland, from Oliver & Boyd, Tweeddale Court, Edinburgh; and in Ireland, from E. Ponsonby, Ltd., 116, Grafton Street, Dublin:—

No.	Place.	Price.
	EUROPE—	
	Germany:	
4626	Finances, report on ...	3*d.*
4627	Germany, preliminary report for 1910	1½*d.*
	Italy:	
4619	Florence, 1909	5*d.*
4618	Italy, 1909	1½*d.*
	Norway:	
4620	Norway, 1909	1½*d.*
	Portugal:	
4625	Goa, 1909-10	½*d.*
	AFRICA—	
	Morocco:	
4624	Morocco, 1909	5*d.*
4621	Tangier, 1909	3½*d.*
	ASIA—	
	Siam:	
4623	Monthon of Chumpawn, 1909, and part of 1910 ..	2*d.*
4622	Monthon of Puket, 1909 and part of 1910	2½*d.*

FOREIGN & COLONIAL PUBLICATIONS.

The following is a list of the more important Articles contained in the Foreign and Colonial Publications and Newspapers received and filed for reference at the Commercial Intelligence Branch of the Board of Trade during the week ended 25th March, 1911, and which are open to inspection in the Reading Room of the Branch at 73, Basinghall Street, London, E.C.:—

NEWSPAPERS AND PERIODICALS.

Agricultural, Dairy and Forest Products.

World's Crops in 1910.
"*Frankfurter Zeitung*," 15th March. (X. 3,221.)

Japanese Rice Crop in 1910.
French "*Moniteur Officiel du Commerce*," 16th March.

French Imports and Exports of Cereals.
French "*Bulletin des Halles*," 18th March.

World's Production and Consumption of Tea.
"*Economiste Français*," 18th March.

French Wine and Cider Production in 1910.
"*Economiste Français*," 18th March.

Odessa Crop Reports for February.
German "*Nachrichten für Handel*," 11th March.

Spanish Wine Production in 1910.
German "*Nachrichten für Handel*," 11th March.

Italian Wine Production in 1910.
German "*Nachrichten für Handel*," 11th March.

Dutch Cocoa and Cocoa Butter Market in 1910.
German "*Nachrichten für Handel*," 11th March.

Saratoff (Russia) Crop Report.
German "*Nachrichten für Handel*," 14th March.

Antwerp Rubber Market in 1910.
German "*Nachrichten für Handel*," 14th March.

Exports of Rice from Cochin China.
French "*Dépêche Coloniale*," 21st March.

Italian Lemon Industry.
"*Bollettino dell'Agricultura*," November. (X. 3,272.)

Machinery and Engineering.

New Electric Lighting Plant for Adelaide.
Australian "*Mining Standard*," 8th February. (X. 4,589.)

Proposed Electric Railways and Tramways in Melbourne.
Melbourne "*Argus*," 2nd February. (X. 4,602.)

Monopoly Tendencies in German Electrical Industries.
"*Frankfurter Zeitung*," 14th March. (X. 456.)

Use of Safety Appliances in Factories.
New York "*Iron Age*," 9th March.

Machinery and Engineering—*continued.*

Article on Improved Air Pumps.
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Development of the Forge Blower.
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On altering the Shape of Steel Rails.
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Use of the Diamond for Industrial Purposes.
"*Frankfurter Zeitung*," 19th March.

Electric Incandescent Lamps.
"*Frankfurter Zeitung*," 19th March.

Naval Construction in Russia.
"*Journal de St. Pétersbourg*," 12th March. (X. 2,582.)

Mining and Minerals.

Description of Foundries at Welland, Ontario.
"*Canadian Machinery*," December. (X. 4,594.)

Additions to Lake Superior Steel Corporation's Plant.
"*Canadian Machinery*," December. (X. 4,595.)

United States Pig Iron Production in February.
New York "*Iron Age*," 9th March.

Potash Requirements in United States.
Berlin "*Börsen Zeitung*," 14th March. (X. 1,435.)

German Potash Legislation.
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Canadian Mineral Production in 1910.
New York "*Engineering and Mining Journal*," 11th March.

Mining in Lorraine.
German "*Stahl und Eisen*," 16th March.

Production and Consumption of Copper in Germany.
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Phosphate Industry in Tunis.
French "*Quinzaine Coloniale*," 10th March.

French Mineral Resources.
French "*Métallurgie*," 22nd March.

The Variation of Aluminium when in Use.
French "*Métallurgie*," 22nd March.

Foreign and Colonial Publications.

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Mining and Minerals—*continued.*

Proposed Mining Regulations in Madagascar.
French "*Dépêche Coloniale,*" 22nd March. (X. 4,634.)

French Mining Market.
Berlin "*Börsen Zeitung,*" 15th March. (X. 407.)

Upper Silesian Coal Market.
Berlin "*Börsen Zeitung,*" 15th March. (X. 413.)

Upper Silesian Metal Tube Market.
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Shipping, Railways and Transport.

Norwegian Mercantile Marine.
German "*Nachrichten für Handel,*" 11th March.

Report of North German Lloyd Steamship Co. for 1910.
"*Frankfurter Zeitung,*" 19th March.

Construction of New Railway from Ranchi to Lahardaga (India).
Indian "*Pioneer Mail,*" 3rd March. (X. 4,424.)

Textiles and Textile Materials.

German Tulle Industry.
"*Frankfurter Zeitung,*" 15th March. (X. 4,599)

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Cotton Cultivation in German Togo.
"*Deutsches Kolonialblatt,*" 15th March.

European Silk Market.
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Report of French Colonial Cotton Association.
French "*Dépêche Coloniale,*" 19th March.

Egyptian Textile Industry.
Belgian "*Bulletin Commercial,*" 18th March.

Commercial, Financial and Economic.

Trade of Kamerun, July-September, 1910.
"*Deutsches Kolonialblatt,*" 15th March.

Commercial, Financial and Economic—*continued.*

Belgian Industrial Progress during Thirty Years.
"*Economiste Français,*" 18th March.

Report on French African Colonies.
"*Economiste Français,*" 18th March

Working of Swedish Banks in 1910.
"*Frankfurter Zeitung,*" 17th March.

Breslau Chamber of Commerce Report for 1910.
Berlin "*Börsen Zeitung,*" 15th March. (X. 508.)

Spanish Imports and Exports in 1910.
German "*Nachrichten für Handel,*" 14th March.

German Trade with Italy in 1910.
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Russian Municipal Revenues.
"*Frankfurter Zeitung,*" 20th March. (X. 4,633.)

Miscellaneous.

Norwegian Fishery Report.
Norwegian "*Fiskets Gang,*" 15th March.

Japanese Celluloid Industry.
French "*Monitour Officiel du Commerce,*" 16th March.

Russian Chemical Industry in 1910.
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Pacific Fishing Industry in 1910.
Seattle "*Pacific Fisherman,*" February.

American Canned Salmon Market in 1910.
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Russian Fisheries in 1910.
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German Paper Bag Trade: Regulation of Prices.
"*Frankfurter Zeitung,*" 20th March. (X. 4,632.)

OTHER PUBLICATIONS RECEIVED.

New Zealand—Directory, 1911.

South Africa—Report of Pietermaritzburg Chamber of Commerce for 1910.

Ceylon—
Report of Planters' Association, 1910.
Report of Chamber of Commerce, July—December, 1910.

Germany—Vierteljahrshefte zur Statistik des Deutschen Reichs, No. 1, 1911.

Belgium—Report of British Chamber of Commerce for 1910.

Switzerland—Annuaire du Commerce Suisse, 1911.

Italy—Annuario d'Italia (Directory), 1911.

Turkey—Report of British Chamber of Commerce for 1910.

United States—Annual Report of Commissioner of Navigation, 1909-10.

Confidential Information as to Openings Abroad for British Trade, &c.

The arrangement inaugurated on 1st January, 1907, whereby the names of British firms desirous of receiving confidential information as to opportunities for the extension abroad of those branches of trade in which they are specially interested, and as to other connected matters, are placed on a special Register at the Commercial Intelligence Branch of the Board of Trade, has met with widespread approval, as evidenced by the steady increase in the number of names so registered. Formerly no charge was made for admission to the Register, the only requirement being subscription to the "Board of Trade Journal." The great increase in the number of names inscribed, and in the amount of information distributed has, however, rendered it necessary to make a small charge for the service, and accordingly firms desirous of utilising this source of information are now (since 1st April, 1910) required to pay an annual fee of one guinea to the Accountant General, Board of Trade, Whitehall Gardens, London, S.W., for the service, *including the supply of the "Board of Trade Journal,"* instead of merely subscribing to the "Journal," as previously, through the Government Sale Agents. British firms who wish to have their names registered should apply in writing to the Director, Commercial Intelligence Branch, 73, Basinghall Street, London, E.C., for the necessary form of application.

Admission to the Register and retention upon it will be, as heretofore, at the discretion of the Board of Trade.

The confidential information which is communicated to firms upon the register is received from His Majesty's Consular Officers in Foreign Countries, from His Majesty's Trade Commissioners and the Imperial Trade Correspondents in the British Dominions, and from other sources available to the Commercial Intelligence Branch.

It may be stated that confidential information thus received relates mainly to openings for British trade abroad, and is communicated to firms on the Register in Circular letters. During 1910, 1,130 such Circular letters were prepared, and copies (totalling 74,203) were despatched to firms on the Register interested in the trades to which the Circular letters respectively related, as compared with 1,104 Circular letters and copies totalling 51,816 sent out in 1909.

NOTE.—Apart from the Special Register arrangements referred to above, the Commercial Intelligence Branch is always ready to answer enquiries on specific subjects, as far as possible, in the interests of British trade (see below).

Commercial Intelligence Branch of the Board of Trade.

The Intelligence Branch of the Commercial Department of the Board of Trade (73, Basinghall Street, London, E.C.) is intended to be a centre at which information on all subjects of commercial interest shall be collected and classified in a form convenient for reference, and at which, so far as the interests of British trade permit, replies shall be given to enquiries by traders on commercial matters. On application being made to it either personally or by letter, the Branch supplies, so far as is possible, information with regard to the following

COMMERCIAL INTELLIGENCE BRANCH OF THE BOARD OF TRADE—*cont.*

subjects, viz.: Commercial Statistics; Matters relating to Foreign and Colonial Tariffs and Customs Regulations; Lists of Firms Abroad engaged in particular lines of business in different localities; Foreign and Colonial Contracts open to Tender; Sources of Supply, Prices, &c., of Trade Products; Forms of Certificates of Origin; Regulations concerning Commercial Travellers, &c., &c.

There is a Sample Room at the offices of the Branch, where, in addition to samples illustrative of reports of H.M. Consuls or of the Correspondents or Special Commissioners of the Board of Trade, specimens of special interest that may be received from India, the Colonies, &c., are exhibited from time to time.

The "Board of Trade Journal" is the principal medium through which intelligence collected by the Commercial Intelligence Branch, and intended for general information, is conveyed to the public. The "Journal" is issued weekly at the price of 3*d.*, the annual rate, inclusive of postage within the United Kingdom, being 15*s.* 2*d.* All applications respecting subscription, or the purchase of single copies, should be addressed in London to Messrs. Wyman & Sons, Ltd., Fetter Lane, E.C.; in Edinburgh to Messrs. Oliver and Boyd, Tweeddale Court; and in Dublin to Messrs. E. Ponsonby, Ltd., 116, Grafton Street. Copies may also be obtained from Messrs. G. Street & Co., Ltd., 30, Cornhill, E.C.

All communications intended for the Commercial Intelligence Branch of the Board of Trade should be addressed to: *The Director, Commercial Intelligence Branch, Board of Trade, 73, Basinghall Street, London, E.C.*

Trade Enquiry Offices of the Self-Governing Dominions.*

Trade Enquiry Offices are maintained in London at the following addresses by the Governments indicated, viz.:—

Dominion of Canada ...	17, Victoria Street, S.W. (Branch Office: 73, Basinghall Street, E.C.).
Commonwealth of Australia	72, Victoria Street, S.W.
New South Wales ...	123-5, Cannon Street, E.C.
Victoria	Melbourne Place, Strand, W.C.
Queensland ...	409, West Strand, W.C.
South Australia ...	85, Gracechurch Street, E.C.
Western Australia...	15, Victoria Street, S.W.
Tasmania	5, Victoria Street, S.W.
Dominion of New Zealand	13, Victoria Street, S.W.
Union of South Africa ...	Trades Commissioner, 98, Victoria Street, S.W.

* Trade enquiries in regard to **Rhodesia** may be made at the office of the British South Africa Co., 2, London Wall Buildings, E.C.

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Edited by the Commercial Department of the Board of Trade.

MARCH 30, 1911.

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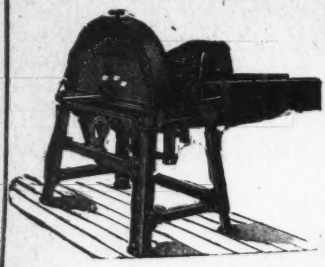

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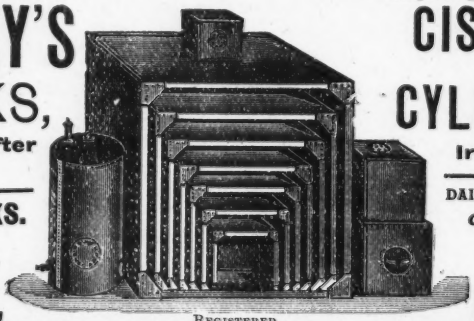

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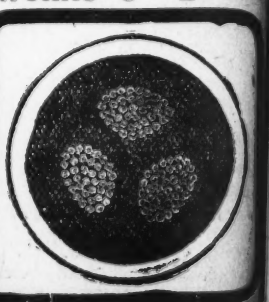

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Sealed tenders, endorsed "Tenders for Granite, &c." as the case may be, to be delivered to the undersigned, at the Council Offices, not later than Monday, the 3rd April, 1911.

The Council do not bind themselves to accept the lowest or any tender.

By order,

G. H. SALMONS,
Clerk to the Council.

Council Offices, Teddington,
17th March, 1911.

The Rural District Council of Runcorn.

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Contractors may, if they so desire, submit separate tenders for the Reservoir with Fittings and for the Excavations. They may also tender for one part of the work only.

Contractors tendering for the Reservoir must submit a full detailed specification of the proposed manner of construction.

Sealed tenders, endorsed "Tender for Reservoir," must reach my office, 71, High Street, Runcorn, not later than 10 a.m. on Friday, the 14th day of April, 1911.

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Runcorn,
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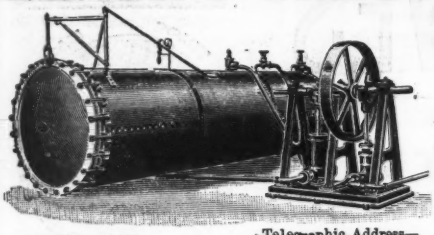

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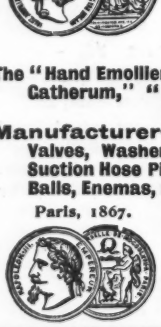

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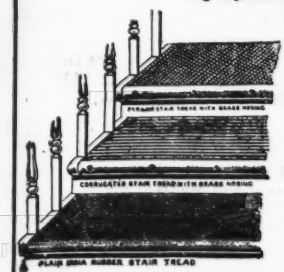

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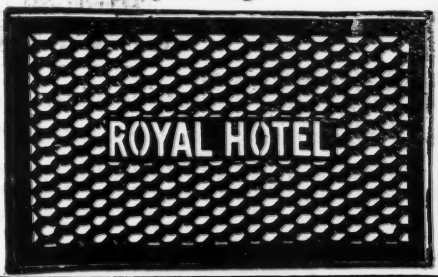

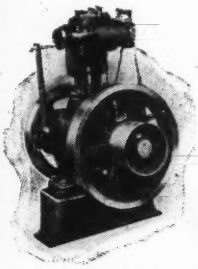

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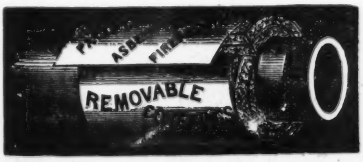

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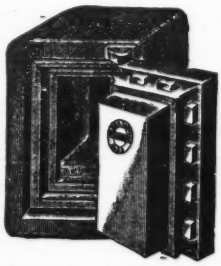

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THE BUYERS' GUIDE—*continued.*

Chemical Manure Manufacturers—
Acme Chemical Co., Tonbridge.
Anglo-Continental (late Ohlendorff's) Guano Works, Dock House, Billiter Street, E.C.
The British Fertilizer Co., 5, Canning Street, Birkenhead. (Manufacturers of Weed Killers, Insecticides, &c.)
United Alkali Co., Ltd., Liverpool.

Chemists (Manufacturing)—
Acme Chemical Co., Tonbridge.

Chilled Shot—
Abbey Improved Chilled Shot Company, Ltd., Newcastle-on-Tyne.

China Clay—
Best, James, & Sons, Stoke-on-Trent. Finest China Clays for Export. Shipping Port: Fowey, Cornwall. Works: Bloomdale, North Goonbarrow, Great Halviggan, Old Beam, Goonamarth, &c.
Lovering, John, & Co., St. Austell.
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Dinner, Tea, and Toilet Ware, Vases, Art Flower Pots, Teapots, &c. Specially adapted for Foreign and Colonial Markets. Price List on application to Royal Victoria Pottery, Shelton, Staffordshire, England.

China Manufacturers—
Wildblood, Heath & Sons, Peel Works, Stafford Street, Longton, England. (Makers of Tea and Breakfast Services, Queen's White, and Hotel China.)

Chronometers—
Dent, M. F., & Co. (to the Queen), 33 and 34, Cockspur Street, London.

Clocks and Watches—
Dent, M. F., & Co. (to the Queen), 33 and 34, Cockspur Street, London.

Clocks (Turret and House)—
Joyce, J. B., & Co., Whitchurch, Shropshire.

Cloth Manufacturers—
Hollins, Wm., & Co., Ltd., Pleasley Works, Mansfield, Notts (Spinners of Hosiery Yarns and Manufacturers of "Viyella" Cloth). T.A. "Pleasley, Nottingham."

Clothing Manufacturers (Army, Police and Railway)—
Compton, J., & Sons, Tower Hill, London. Contractors to War Office, Metropolitan Police and Principal Railways. Factories: London, Crewe, Swindon.
Hammond, John, & Co., Ltd., Newcastle, Staffs.

Cloths for Machinery—
Kenyon, James, & Son, Ltd., Bury.

Coal—
Wright & Co., Newcastle-on-Tyne. Shippers of all classes of Northumberland, Durham and Yorkshire Steam and Gas Coals. Telegrams: "Broking," Newcastle-on-Tyne.

Coal and Coke—
Cory Bros., & Co., Ltd., Cardiff.
Lewellin Godsell, 39, Borough Road, Birkenhead (Best N. and S. Wales, Lancs., Staffs., and Yorks., House, Steam, and Bunker Coals, Slack, &c.). Telephone No. B'head 149.
The Pemberton Colliery Co., Ltd., 7, Rumford Street, Liverpool. House, Gas, Steam and Bunker Coal, Smelting and Foundry Coke for Shipment. Telegrams—"Bee," Liverpool, Telephone—1016 Liverpool Central.

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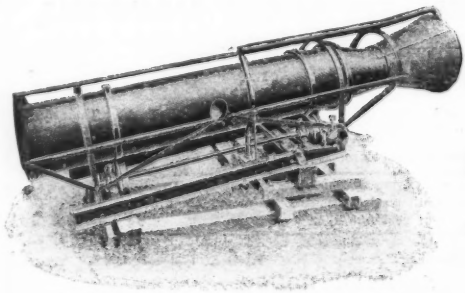

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Tredegar Iron & Coal Co., Ltd., 60, Fenchurch Street, London, E.C., and Exchange, Cardiff. Welsh Steam Coals for Marine and Locomotive purposes. Telegrams "Glyncannon, London." Telephone, London Wall 2312
Wharncliffe Woodmoor Colliery Co., Ltd., Barnsley.
Wigan Coal and Iron Co., Ltd., Wigan.

Coal Depot Proprietors—
Cory Bros., & Co., Cardiff.
Miller, James, Son, & Co., Glasgow.

Coal Tar—
Lord, J. E. C., Borough Road, Weaste, Manchester.
Miller, James, Son, & Co., Glasgow.

Coatings (Cotton)—
Johnson, J., Hodgkinson & Pearson, Ltd., Manchester.

Cocoa—
The Indian Planters' Combination, 5, Fenchurch Street, London, E.C.

Coffee—
The Indian Planters' Combination, 5, Fenchurch Street, London, E.C.

Coffee (Red, White and Blue)—
S. Hanson & Son, Eastcheap, London, E.C.

Colliery Owners—
Cory Bros. & Co., Cardiff.
The Wigan Coal and Iron Co., Wigan.
Wharncliffe Woodmoor Colliery Co., Ltd., Barnsley.

Concertinas (English)—
Lachenal & Co., Little James Street, W.C.

Concrete Mixers—
Builders and Contractors Plant, Ltd., 17, Victoria Street, London, S.W. Works, Wolff Engineering Co., Southwark. Telegrams: "Mixoist" London.

Confectioners' Colours, Essences, &c.—
Confectioners' Vegetable Colours and Fruit Essences Co., Ltd., Hackney Wick, N.E.

Conveyors and Elevators for the Economic Handling of Material in Bulk—
Bennis, Ed., & Co., Ltd., Little Hulton, Bolton.

Copper Tape, Wire Rope, &c.—
Henley's, W. T., Telegraph Works Co., Ltd., London, E.C.

Corduroy—
Johnson, James, 2A, China Lane, Manchester.

Cotton Bags—
Feltham, W. H., & Son, Imperial Works, Tower Bridge Road, London.
Judge, T. & W., London, S.E.

Cotton Cleaning Waste—
Spencer & Curedale, Ltd., Bury Ground Works, Bury.

Cotton Driving Ropes—
Hart, Thomas, "Lambeth" Rope Works, Blackburn.

Cotton Goods—
Anderson, D. & J., Bridgeton, Glasgow.
Jones Bros., Ltd., 12, York Street, Manchester Telegraphic Address—"Jonbro."
Kenyon, James & Son, Ltd., Bury.
Spinner, E., & Co., Manchester.

Cotton, Linen, and Woollen Cloths for Mechanical purposes—
Porritt, Joseph, and Sons, Helmshore, near Manchester. Telephone No. 4. Telegraphic Address, Porritt, Helmshore.

Cranes—
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Lord, J. E. C., Borough Road, Weaste, Manchester.
Messrs. Robinson Bros., Ltd., West Bromwich.
United Alkali Co., Ltd., 30, James Street, Liverpool.

Creosoting Plant—
Black, George, & Sons, Tweedmouth Boiler Works, Berwick-on-Tweed.

Curled Hair—
Boyd, John, & Co., Ltd., Castle Cary, Somerset.

Decklights and Porthole Glasses—
Stevens, James & Son, Victoria Glass Works, Birmingham.

Decorative Tiles—
Carter & Co., Ltd., Encaustic Tile Works, Poole.

Delta Metal Manufacturers—
Delta Metal Co., Ltd., London, E.C.

Detonators—
Curtis's & Harvey, Ltd. 3, Gracechurch Street, London, E.C.
Nobel's Explosives Co., Ltd., Nobel House, 195, West George Street, Glasgow.

Diamond Grit Manufacturers (for Sawing and Rubbing Granite, Freestone, Marble, &c.)—
Harrison Bros. (Diamond Grit, Round and Cornered, Shot, Globules, or Iron Sand, Pneumatic Tools, Stone Working Machinery, Cranes, Jacks, &c., also supplies of all kinds), Atlas Foundry, Middlesbrough, England. T.N. 391. T.A. "Diamond."

Disinfectants—
United Alkali Co., Ltd., Liverpool.

Distillers—
Crawford, Daniel, & Son, Ltd., Glasgow.
Dailuaine-Talisker Distilleries, Ltd., Carron, Strathspey.
Distillers Co., Ltd., The, Edinburgh.
Thorne, R., & Sons, Ltd., Pure Malt Distillers and Blenders, Greenock and London; Distilleries, Aberlour-Glenlivet, Strathspey; and Greenock, N.B.

Docks (Floating), Caissons &c.—
Lancashire & Yorkshire Railway Co., Wyre Dock, Fleetwood.

Doctors and Files for Calico Printers—
R. E. Lazonby & Co., Blackley Steel Works, Manchester. Telephone: 713 Cheetham Hill.

Dog Biscuits, &c.—
Spratt's Patent, Ltd., 24 and 25, Fenchurch Street, London, E.C.

Drawing Instrument Makers—
Stanley, W. F., & Co., Ltd., Great Turnstile, Holborn, London, W.C.

Dredgers & Excavators—
Rose, Downs & Thompson, Ltd., Old Foundry, Hull, and 12, Mark Lane, London, E.C. Sole makers of the "Kingston" double-chain Grab Dredger and Excavator.

Drills and Longcloths—
Johnson, J., Hodgkinson & Pearson, Ltd., Manchester.

Drop Forgings—
Brett's Stamping Co., Ltd., Harnall Lane, Coventry.

Dry Soap—
United Alkali Co., Ltd., Liverpool.

Dyers and Cleaners of Silk and Wool Piece Goods—
Eastman & Son, Ltd., Acton Vale, London, W.

Dyers and Tanners Extract Manufacturers—
The Yorkshire Dyeware and Chemical Co., Ltd., 14, Park Square, Leeds, England.

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Curtis's & Harvey, Ltd., 3, Gracechurch Street, London, E.C.
Nobel's Explosive Co., Ltd, Nobel House, 195, West George Street, Glasgow.

Dynamos for Plating, &c.—
Canning, W., & Co., Great Hampton Street, Birmingham.

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The Soho Pottery, Ltd. (late Henry Alcock & Co. Works), Cobridge. Note.—Removed from Tunstall.

Electrical Accessories—
Jackson, H. A., & Co., Caxton Works, Salford, Manchester. Telegrams: "Armoured," Manchester. Telephone: 5437 Central.

Electric Clocks (any number controlled from One Master)—
The Silent Electric Clock Co., 192, Goswell Road, London, E.C.

Electric Driving Lamps—
Vandervell, C. A., & Co., Warple Way, Acton Vale, W.

Electrical and General Engineers—
Jackson, T. & J., 14, Park Road, N.W.

Electrical & Mechanical Engineers & Contractors—
Henley's, W. T., Telegraph Works Co., Ltd., Blomfield Street, London, E.C.
Hooper's Telegraph and India-rubber Works, Ltd., 31, Lombard Street, London, E.C.

Electrical Porcelains—
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Electric Fuses—
Curtis's & Harvey, Ltd, 3, Gracechurch Street, London, E.C.
Nobel's Explosives Co., Ltd., Nobel House, 195, West George Street, Glasgow.

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Electro Plating Machinery and Materials—
Canning, W., & Co., Great Hampton Street, Birmingham.

Emery Wheels—
Luke & Spencer Ltd., Broadheath, near Manchester. Telegraphic Address—"Emery Altrincham."

Enamels for Metals—
Keeling & Walker, Sutherland Mills, Stoke-on-Trent, specialise in Leadless Enamels for Cast-iron, and also supply all Raw Materials for Enamellers.

Encaustic Tiles—
Carter & Co., Ltd., Encaustic Tile Works, Poole.

Engineers—
Haslam Union Foundry, 175/177, Salisbury House, London Wall, E.C.

Engineers, Constructional—
Forster & Sons, Ltd., St. Helens, England.
Humphreys, Ltd., Knightsbridge, London, S.W.

Engineers' Ironfounders—
Wigan Coal and Iron Co., Ltd., Wigan.

Engineers and Millwrights—*General*—
Aveling & Porter, Rochester (Locomotives, Road Rollers, &c.).
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Burrell, C., & Sons, Ltd., Thetford (Locomotives, Steam Rollers, Traction Engines).
Grover & Co., Ltd., London, N.
Palatine Engineering Co., Liverpool.
Saxby & Farmer, Head Offices, 53, Victoria Street, Westminster, S.W., and Works, Chippenham, Wilts.

Essence Manufacturers—
Boake, Roberts & Co., Ltd., Stratford, London.
Confectioners' Vegetable Colours and Fruit Essences Co., Ltd., The, London, N.E.
Idris & Co., Ltd., London, N.W.

"Eternit" Tiles for Roofing, Sheets for Walls and Ceilings—
Speaker, G. R., & Co., 28, Mark Lane, London.

Exhibition Contractors (Home and Abroad)—
Humphreys, Ltd., Knightsbridge, London, S.W.

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Nobel's Explosives Co., Ltd., Nobel House, 195, West George Street, Glasgow.

"Faience"—
Woolliscroft, G., & Son, Ltd., Hanley, Stoke-on-Trent. Faience, constructional exterior or interior, Fireplaces, also Terra-cotta.

Falk's Table Salt—
The Salt Union, Ltd., Liverpool.

Fancywood Merchants—
Gardner, Joseph, & Sons, Bootle, Liverpool.

Felts (Paper Makers' Machine)—
Kenyon, James, & Son, Ltd., Bury.

Felts for Paper Makers—
Porritt, Joseph, and Sons, Helmshore, near Manchester. Telephone No. 4. Telegraphic Address. Porritt, Helmshore.

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Files, Filing Systems and all Modern Office Equipment—
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Fire Bricks—
Dougall, James, & Sons, Ltd., Bonnyside Fire-brick Works, Bonnybridge, Scotland. (Manufacturers.)

Fireplaces, Enamelled in Colours and in Brick Red—
Carter & Co., Ltd., Encaustic Tile Works, Poole.

Flannel Manufacturers—
Kelsall & Kemp, Ltd., Rochdale.

Flannel (Suiting) and Serge Manufacturers—
H. M. Hudson & Co., Ltd., Crawshaw Mills, Pudsey, Leeds, Yorkshire. Telegrams, "Flannels," Pudsey.

Flint—
Keeling & Walker, Sutherland Mills, Stoke-on-Trent, produce the Finest quality of Ground Flint Stone and Felspar.

Fluorspar—
Blackwell, G. G., Sons & Co., Ltd., The Albany, Liverpool, and at 6 and 7, Cross Lane, Eastcheap, London, E.C. The Steel Maker and Iron Founders, Flux.

Flycatchers—
Deansmere Manufacturing Co., High Street, Stockport. "Scout," "Silverette," "Silver Lixol." Samples and prices on application.

Foundry—
Haslam Union Foundry, 175/177, Salisbury House, London Wall, E.C.

Foundry Requisites—
Blackwell, G. G., Sons & Co., Ltd., The Albany, Liverpool, and at 6 and 7, Cross Lane, Eastcheap, London, E.C. Plumbago, Ferro Silicon, Ferro Manganese, and all foundry requisites.

Fountain Pens—
Jewel Pen Co., 102, Fenchurch St., London, E.C.

French Chalk—
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Confectioners' Vegetable Colours & Fruit Essences Co., Ltd., London, N.E.

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Fuse (Safety)—
Curtis's & Harvey, Ltd., 3, Gracechurch Street, London, E.C.

Fustian (Piece Goods)—
Johnson, James, 2a, China Lane, Manchester.

Gas Coal—
Kent's Wharncliffe Woodmoor Colliery Co., Ltd., Barnsley.

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Gas Engine Makers—
The Haslam Foundry and Engineering Co., Ltd., Pontifex & Wood, London, Union Foundry, Derby.
Widdop, H., Park Street, Keighley, Eng.

Gauge Glasses—
Butterworth Bros., Newton Heath, Manchester.
Guilbert-Martin (Beacon and Titan), 9, Edmund Place, London, E.C.
Tomey & Sons, Perth.
Tomey, Joseph, & Sons, Messrs., Ltd. Manor Glass Works, Aston, Birmingham.

Gauge Glass Protectors—
Tomey, Joseph, & Sons, Messrs., Ltd., Manor Glass Works, Aston Birmingham.

Gelatine-Dynamite—
Curtis's & Harvey, Ltd., 3, Gracechurch Street, London, E.C.
Nobel's Explosives Co., Ltd., Nobel House, 195, West George Street, Glasgow.

Gin Distillers—
Distillers Co., Ltd., The, 12, Torpichen Street, Edinburgh.

Glass Bottle Manufacturers—
Nuttall & Co. (St. Helens), Ltd., St. Helens, Lancs. 37 State Insurance Bldgs, Dale Street, Liverpool. Circus Street, Chatham Street, Manchester. Telegrams: "Nuttall, St. Helens." "Unbroken, Liverpool."

Glass Engineers (Consulting and Constructional)—
Messrs. Brearley & Son, 55, Cross Street, City, Manchester.

Glass Manufacturers—
Stevens, James, & Son, Dartmouth Street, Birmingham.

Glass Plant Manufacturers—
Forster & Sons, Ltd., St. Helens, England.

Glass Works—
Stevens, James, & Son, Dartmouth St., Birmingham.

Glazed Bricks—
Carter & Co., Ltd., Encaustic Tile Works, Poole.

Glazes and Colours—
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Glue Manufacturers—
Massey, C., & Son, Ltd. (Home and Export Qualities) Waterloo Works, Newcastle, Staffs. T.N. 11. T.A. "Waterloo." London Office, 5, Milk Street, E.C.

Glue, Size and Distemper Manufacturers—
Brockwell, W., & Sons, 175, Bermondsey Street, London, S.E.

Glycerine—
Price's Patent Candle Co., Ltd., London, S.W.

Golf Balls—
Henley's, W. T., Telegraph Works Co., Ltd., London, E.C. ("Melfort" and "Henley.")

Golf Clubs and Balls—
Cann & Taylor, Richmond, Surrey.

Graphite and Graphite Products—Graphite Paint—
Chapman, Leonard, & Co., Ltd., Munton Road, London, S.E. Telephone, Hop. 3391. Telegram, "Gritless, London." Flake and Amorphous Graphites from 99 % purity downwards.

Grinding Wheels and Machines—
Mitchell's Emery Wheel Co., Albion Works, Bradford, Manchester.

Guano Manufacturers—
Anglo-Continental (late Ohlendorff's) Guano Works, Dock House, Billiter Street, E.C.

Gummed Paper Makers—
Jones, Samuel, & Co., 7, Bridewell Place, London, E.C. (Patent Non-Curling Gummed Paper).

Gunpowder—
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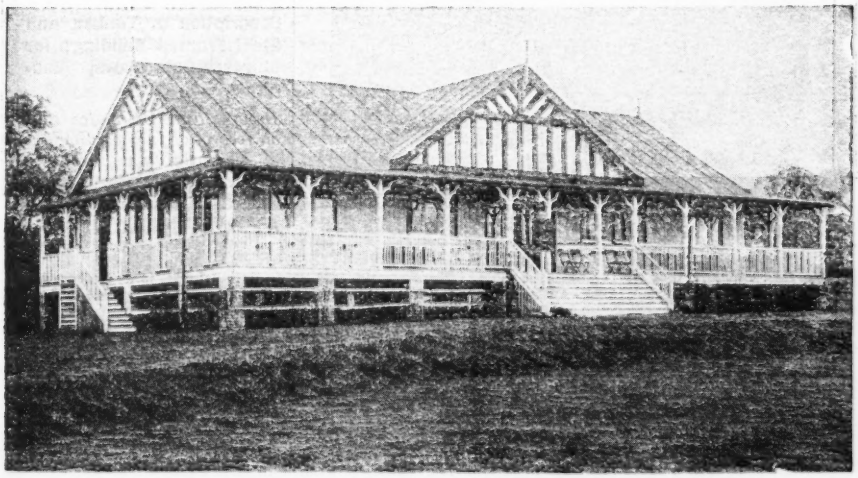
Hardwood Merchants—
Gardner, Joseph, & Sons, Bootle, Liverpool.



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THE BUYERS' GUIDE—*continued.*

Heating Apparatus (Hot Water and Steam)—
Hill, Lewis, Chatham Place, Edge Hill, Liverpool.

Hops (packed in any weight package to suit Buyers' requirements)—
Le May, W. H. & H., 67, Borough High Street, London, S.E.

Horsehair Cloths and Drafts—
Boyd, John, & Co., Ltd., Castle Cary, Somerset.

Horticultural Builders—
Riley, G. W., Herne Hill, London, S.E.
W. Duncan Tucker & Sons, Ltd., 27, Cannon Street, London, E.C., and South Tottenham.

Hydraulic Machinery—
Middleton, Robert, Sheepscar Foundry, Leeds.

Ice Machine Manufacturers—
Haslam Union Foundry, 175/177, Salisbury House, London Wall, E.C.

Incandescent Gas Mantles—
Curtis's & Harvey, Ltd., 3, Gracechurch Street, London, E.C. ("Ironclad" Mantles.)

Incandescent Lamps—
Henley's, W. T., Telegraph Works Co., Ltd., London, E.C.

Incubators (Hearson's)—
Spratt's Patent, Ltd., 24 and 25, Fenchurch Street, London, E.C.

India-rubber Manufacturers—
Harris & Co., Joseph, Altrincham.
North British Rubber Co., Ltd., Edinburgh.

India-rubber, Gutta-percha and General Manufacturers and Patentees—
Sheath Bros., 87, City Road, London, E.C.

Inks (Writing and Copying)—
Hollidge, E. J., Ltd., Rutland Road, South Hackney, London, N.E.

Insecticide (Manurial Base)—
Robinson Bros., Ltd., West Bromwich.

Insulated Cables—
Henley, W. T., Telegraph Works Co., Ltd., London Wall.
Hooper's Telegraph & Indiarubber Works, Ltd., London, E.C.

Iron Buildings—
Harbrow, W., Iron Building Works, South Bermondsey Station, London, S.E.
Humphreys, Ltd., Knightsbridge, London, S.W.
Palmer, T. W., & Co., Merton Abbey Ironworks, London, England.
Riley, G. W., Herne Hill, London, S.E.
The Tees Side Bridge & Engineering Works, Ltd., Cargo Fleet, Middlesbrough.

Ironfounders—
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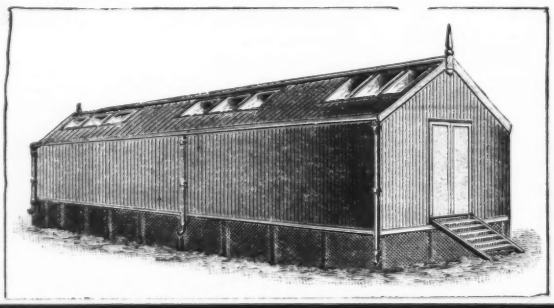

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Metric Tables—
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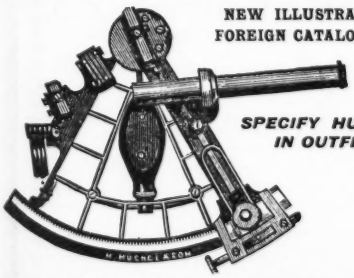

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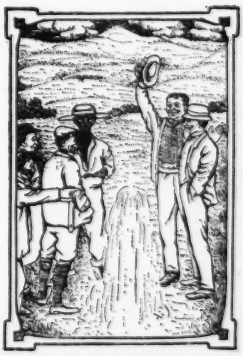

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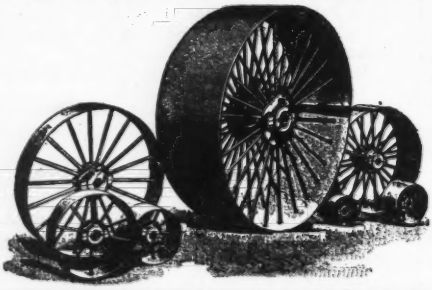

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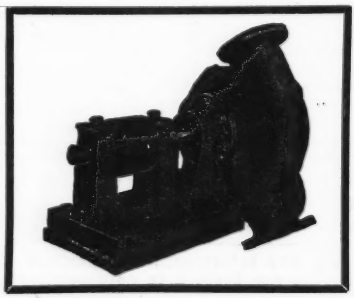

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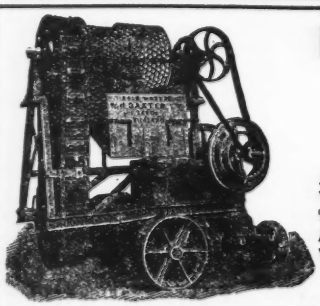

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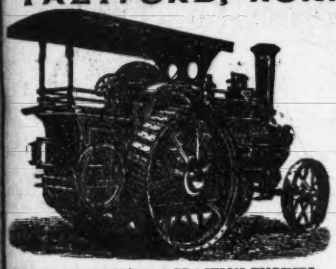

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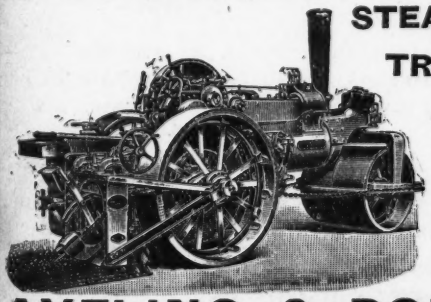

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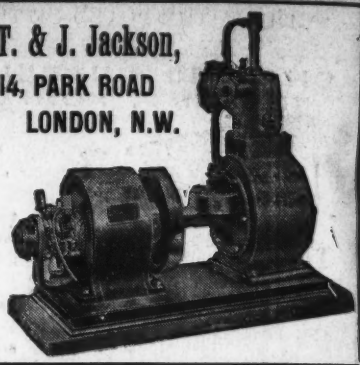

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